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# THE INDUSTRIOUS HEN

ONE YEAR 50c.—THREE YEARS \$1

AN ILLUSTRATED MONTHLY  
FOR  
POULTRY, LIVE STOCK AND THE FARM

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Published  
By  
**THE INDUSTRIOUS HEN  
COMPANY**  
Knoxville Tenn.





# JONES, THE WYANDOTTE MAN

WITH HIS

## Strongest Blood Lines on Earth



Has moved to his new farm, Nashville, Tenn., and has more and better birds to offer this season than any former year. They are the results of proper matings and improvement.

No breeder of Wyandottes has made such improvement and produced as many winners at the largest shows of the country. They not only win for me, but for my many satisfied customers the world over. The feature of the New Zealand Exposition was the Silvers I exported to that country. If you want winners and high class breeders, I can supply you in

## Silver, Golden and White Wyandottes

Send for full list of winnings and my handsome 36-page catalogue, printed in colors.

30 high class Collie puppies for sale and a few bred bitches. Remember the address

# R. E. JONES, Nashville, Tenn.

## BOSWELL'S ACME WHITE WYANDOTTES

THEY ARE STILL WINNING THE BLUE WHEREVER SHOWN

Whether exhibited by myself or by my customers, my birds never fail to win their share—the "lien's share"—of all the prizes. They have won this season, as heretofore, in the strongest shows, North, East, South and West. For this there is a reason:

**THEY ARE BRED TO WIN.**

The ACME WHITE WYANDOTTES were originated and introduced by myself, and have met with marvelous success in the different shows of the country. I have shipped stock and eggs to thousands of customers all over the world, and up to date I have never heard from a single person in complaint that my stock was not as represented. How could they be other than satisfied? For the birds I sell are what their name indicates—the "ACME" of White Wyandotte breeding—bred by a man who knows what it takes to make a winning White Wyandotte, and whose business it is to breed and sell show birds.

**Hundreds of Testimonials**—Vouch for my ability to "deliver the goods," and testify that I always deal with my customers on the square. My customers come back to me from year to year, because they know that the birds I sell are

**BRED FOR MERIT AND SOLD ON HONOR.**

I mate and breed my birds for the highest possible exhibition quality, and at the same time give attention to their egg-producing qualities. There are no better egg-producers in the world than the ACME WHITE WYANDOTTES, and they have proven as superior in this regard as in their prize-winning qualities, having laid in my own yards an average of 214 eggs to a pullet in one year—individuals laying as high as 270 eggs during the twelve months. The strain that is superior to the ACME strain does not exist.

Description of Birds, Terms and Prices on Application. Write for my Illustrated Circular.

ACME POULTRY PLANT.

JOHN W. BOSWELL, Jr., Proprietor,

R.F.D. No. 1, BECKWITH, TENN.



A Hale Winner

## BARRED PLYMOUTH ROCKS FOR SALE

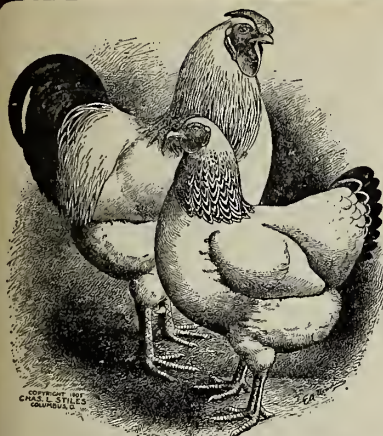
To make room for hundreds of youngsters I am offering for sale all my breeding stock, consisting of seventy-five yearling hens and seven cock birds. This is your opportunity to get the very **CREAM OF THE SOUTH IN BARRED ROCKS** at less than half their value. Remember that HALE'S ROCKS have never failed to win first honors wherever exhibited. Look up my show record. The finest lot of birds I ever saw together, and they must all go, as I am compelled to make room.

Write me to-day for prices on these beauties.

C. P. HALE, Barred Rock Specialist, R. 1, Sweetwater, Tenn.

SCOTCH COLLIE DOGS OF MOST UP-TO-DATE BREEDING





# Butler's Columbian Wyandottes

← ARE THE BEST →

Won first and second cockerels, first and second pullets, first pen  
at State Fair, Nashville, September, 1907.

**Stock and Eggs Always on Hand**

WRITE ME YOUR WANTS.

**JAS. M. BUTLER, MURFREESBORO, TENN.**

# WHITE ROCKS

SAMPLE OF COOP LABELS

## SECRETARIES OF POULTRY SHOWS:

The above are samples of Coop Labels to be put on every coop in your show. Many people visiting poultry shows are compelled to ask questions about birds that could be easily answered by a label. These labels are 1½x11 inches, printed in black ink on good white board and are to be tacked on the coops.

WRITE US FOR SAMPLES AND PRICES of Coop Labels, Standard Score Cards, Return Express Tags, Coop Tags with name of Association, and any other poultry printing, and save time, confusion and expense.

There is no better advertisement for a show than to have it properly tagged.

THE INDUSTRIOUS HEN CO.

KNOXVILLE, TENNESSEE

# Don't Miss It!

**THE GREATEST SHOW OF THE SOUTH**



All eyes in poultrydom are now turned toward Knoxville, Tenn., and the Great Poultry Show of the East Tennessee Poultry Association, scheduled for January 8, 9, 10, 11, 1908. Everything points to the biggest show the South ever witnessed. Two of the South's leading judges—Judge D. M. Owen, of Athens, Tenn., and Judge Loring Brown, of Smyrna, Ga.—will judge this show and place the ribbons. This feature alone will cause hundreds of fanciers to get busy and get ready. Entries close January 1. For full information address

**East Tennessee Poultry Association**  
Knoxville, Tennessee.

J. T. OATES, Secretary-Treasurer.

**THE BIGGEST AND BEST**

Poultry Show in the South—Don't Miss It.



## BREEDERS' CARDS

**2½ cents a word each month for one, two or three insertions; 2 cents a word each month for four or more insertions. A 25 word card will be run six months for \$2.50; one year for \$4.50. A small cut illustrating a breeder of 25 words or more will be used for 50¢ extra.**

**Numbers and initials count as words. Please count the words correctly and avoid delay. We keep no books with this department and CASH MUST INvariably ACCOMPANY THE ORDER.**

## BLUE ANDALUSIANS

WRITE to our Mr. Blanks for information on all Poultry and Pet Stock subjects in the South. Free literature and catalogues. Do it at once. H. W. Blanks & Co., New Orleans, La. 52

BLUE Andalusians—Bred to perfection from first prize winners, Madison Square, 1905. St. Louis Exposition, 1904. Finest blood. Cockerels \$2.50 up. V. H. Council, Warrenton, Virginia. 44

## BUCKEYES

BUCKEYES, "Kentucky Cardinal Strain." (registered). Eugene Cowles, Shelbyville, Ky. 54

## COCHINS

WHITE, Black and Partridge Cochins, a grand lot of high class birds in fine form and feather for show room or breeders. Write for show record. Circular. D. C. Peoples, Ulrichsville, Ohio. 42

## GAMES

GOOD Indian Game stock and R. I. Red cockerels cheap. Mrs. Tully Birdsong, Pulaski, Tenn. 42

GAMES are a comfort and pleasure. Circular free. Heathwoods I. B. R. Indians. Single rates. Hurry. C. D. Smith, Fort Plain, N. Y. 44

PIT GAMES—Six leading strains, old and young for sale. Every bird guaranteed dead game and a fighter. Send for circular. W. C. Byard, Walnut Hills, Cincinnati, Ohio. 44

CORNISH Indian blood of best imported prize winners. Victorious everywhere for fifteen years. Cocks and hens for sale, cheap. Also youngsters from prize winners in the greatest American shows. T. D. Moore, Hopkinsville, Ky. 44

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HOUDANS—200 grand breeding and exhibition cockerels for sale. Large vigorous birds, unexcelled for mating. Dr. Geo. Taylor, Orleans, Ind. 44

HOUDANS—A magnificent lot of birds. Bred by trap nest system, the standard of Houdan excellence throughout the west. W. D. Gay, President National Houdan Club, Essex, Iowa. 42

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NORTHUP Strain S. C. Black Minorcas, cockerels \$3.00. Eggs \$2.00 per 15. Mrs. Slaughter Downer, Guthrie, Ky. 49

WHITE MINORCAS—I have made them a specialty for 9 years. Some very fine cockerels to improve your flock. Address, Harry Leibold, Delaware, Ohio. 47

S. C. BLACK Minorcas that won at Birmingham, Nashville and other shows. Eggs \$3.00 for 15. Stock for sale. Mrs. W. S. Porter, 19th and Russell Sts., Nashville, Tenn. 45

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SINGLE COMB BUFF ORPINGTONS—100 choice cockerels, \$2 to \$5 each. Trios and pens at reasonable prices. Mrs. Geo. Taylor, Orleans, Ind. 44

BLACK ORPINGTONS, the famous Byers strain. Fortunately we are not in the business for pecuniary gain only and are offering the most snappy values in stock that ever went out. Trios seven to ten dollars. Order quick. W. P. Oldendorf, Throntown, Indiana. 42

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BARRED Plymouth Rocks, Ringlets and Bradley Bros. Each in their purity double mated. Bred for exhibition and are heavy layers. Some excellent cockerels on hand that will improve your flocks. Write me before placing your order. Daniel Suburban Poultry Yards, Hopkinsville, Ky. 45

## PLYMOUTH ROCKS—Continued

WANTED—Good laying strain Barred Rocks. F. Woodmansee, 953 Orleans St., Beaumont, Texas. 42

KENTUCKY "Ringlets" yearling breeders, direct from E. B. Thompson, also handsome, healthy young stock and eggs for sale. Mrs. M. E. Almy, Altamont, Ky. 46

IF YOU WANT WHITE ROCK cockerels I have some rare bargains. Money back if not satisfied. A nice present for every one. W. G. Jennings, Carthage, N. C. 46

## RHODE ISLAND REDS

SINGLE COMB RHODE ISLAND REDS cockerels for sale cheap. Write for prices. Parmer Haynes, Decherd, Tennessee. 42

RHODE Island Reds, World's Fair prize winning strains. Winners at Indianapolis, 1907. Eggs \$1.50 and \$3.00 per 15. S. M. Parker, Carthage, Ind. 42

S. C. REDS, bred for beauty, vigor, heavy laying qualities, and standard points. A strain that will win and please. Eggs \$1.50 per 15. Stock for sale later. Few hens for sale. E. E. Ellsworth, Johnson City, Tenn. 42

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OUR White Wyandottes and Mottled Anconas are as good as the best. Some fine youngsters for sale. Write us. F. L. Snyder & Co., Fayetteville, Ark. 42

WHITE WYANDOTTES, "quality kind." Stock all sold this season. Pens now mated. Eggs, \$20 per 100. Place your orders early. D. D. Slade, Box 91, Lexington, Ky. 42

POULTRY, all varieties; Eggs and Stock for sale; Stock shipped anywhere on approval. Do not write for cheap stock, we do not sell that kind. H. W. Blanks & Co., New Orleans, La. 52

COLUMBIAN Wyandottes—My yards contain the best blood in America. Good breeding stock at low prices. Eggs \$2.00 per setting; \$5.00 for three settings. H. D. Brinser, Manchester, Va. 42

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BUFF PLYMOUTH ROCK and S. C. Brown Leghorn pullets and cockerels, Pekin Ducks, and first prize at Virginia State Fair White Holland Turkeys. Laurel Hill Poultry Farm, Roxbury, Va. 46

BARRED Plymouth Rocks bred for winter egg production. Stock from best egg producers Maine Experiment Station. Eggs \$2.00 per 15. Indian Runner Ducks, eggs \$1.25 per 11. Mrs. Andrew Brooks, R. F. D. 6, Auburn, N. Y. 44

BEAN'S BUFFS—All varieties. Our show record, 350 regular and special premiums in four years, at eleven exhibitions, under Judges Butterfield, Pierce, Felch and Holden. W. M. Bean, Anoka, Minn. 43

FOR SALE—30 fine cockerels, Rose and Single Comb Rhode Island Reds, Barred Rocks, Single Comb Black Minorcas. Price one to five dollars each. Bronze Turkeys, a bargain to close out. Eggs in season. Mrs. K. C. Flanagan, Hohenwald, Tenn. 42

MURRAY Hill Farm breeds Barred Plymouth Rocks, Partridge and Columbian Wyandottes, Japanese Silkies, Pekin and Blue Swedish Ducks. They annually prove their quality at Cleveland, Hagerstown and New York. Stock for sale. Address Eugene Sites, Elyria, O., Box S. 44

## DOGS AND CATS

COLLIE pups and ferrets, finest stock in America. Write Nelson's Kennels, Grove City, Penn. 43

SCOTCH Collies. Puppies and brood bitches for sale at all times. The home of Lily of Craigmore and Craigmore Castilene. Imported and Champion Blood. Full pedigrees furnished. Puppies \$8.00 to \$15.00. Monte Vista Collie Kennels, Johnson City, Tenn. tf

PIT Bull Terrier pup, 10 months old, pure white and from a pair that never threw a quitter. Has never fought but we will guarantee him to do his duty. If you see him you'll want him. He is worth \$50—but our price is \$20, on account of devoting our time to Collies. Knox Collie Kennels, 617 Gay St., Knoxville, Tenn. 42

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PIT Bull Terrier for sale—Terry, four years old, pure white, 35 lbs., out of Spry Girl, by Robinson Terry. A fighter, quick and game, \$25. Knox Collie Kennels, 617 Gay St., Knoxville, Tenn. tf

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## DUCKS, GEESE AND TURKEYS

MAMMOTH Pekins. Highest quality; unexcelled in size. Winners at leading shows, both north and south. LeRoy W. Seigfried, Waterloo, N. Y. 44

MAMMOTH Bronze Turkeys, Pekin Ducks, both of largest and best breeds. Write for prices. Mrs. Ida Walker, R. R. 1, Dyersburg, Tenn. 42

## PIGEONS

POULTRY and Pigeon Supplies. Circulars. Edgar H. Constantz, Canton, Mo. 44

DISEASES of Pigeons explained, prevented, cured. Send 2-cent stamp for reply. W. G. Todd, Mgr. Practical Poultry & Pigeon Pens, East Bridgewater, Mass. 44

PIGEONS! Largest collection in America, all known varieties. Prices free. Illustrated, descriptive book telling all, one dime. Wm. A. Bartlett, Box 10, Jacksonville, Ill. 48

WILL exchange thoroughbred Homers and fancy pigeons for White Leghorns, White Wyandottes and Rhode Island Reds. Paul Wilke, 22 N. Desplaines Ave., Oak Park, Ill. 42

## POULTRY SUPPLIES

SPRATT'S Dog Remedies, Cyphers Incubators and Brooders, Humphrey Bone Cutters, Conkey's Remedies, all Poultry and Stock Publications, Lee's and Pratt's Goods, Cyphers, Corno, Purina, Peerless Feeds and all poultry supplies at Factory Prices. H. W. Blanks & Co., New Orleans, La. 52

## MISCELLANEOUS

FOR SALE—A scholarship in Draughton's Business College. THE INDUSTRIOUS HEN, Knoxville, Tenn.

FOR SALE—Mammoth Bronze Turkeys "Perfection" strain. S. C. Rhode Island Red chickens, the "Jacqueminots." Miss Elizabeth D. Abernathy, Route 2, Pulaski, Tenn. 46

BARGAINS in thoroughbred Beagle Hounds, Buff Orpington, Indian and Pit Game chickens. Eggs \$2.00 to \$5.00 setting. John L. Jolly & Son, Anderson, S. C. 46

ALL varieties of High Class Dogs, Angora and Maltese Cats, Pigeons, Rabbits, Cavies, Mice, Pet Stock, Parrots and Canaries shipped on approval. Catalogue free. H. W. Blanks & Co., New Orleans, La. 52

## TOO LATE TO CLASSIFY

FOR SALE—White Wyandotte hens, one and two year old and one year old cocks. Will exchange for Barred Rocks. Julian L. Shipp, Chattanooga, Tenn. 43

BRIGHT'S STRAIN Brown Leghorn cockerels, fine, \$1.50 to \$2.50 each. M. B. Turkeys, Ferguson strain, pullets \$3, toms \$5. Mrs. Louis Downer, Guthrie, Ky. 46

BARRED ROCKS, Parks bred to lay; 36 pullets for \$28; 34 cockerels for \$17, or all for \$42. They are from four to six months old. Oren Hanes, South Colton, New York. 42

## SOUVENIR POST CARDS

Handsome. New. No two alike. Every lover of chickens should have them. 8 for 10¢ postpaid.

THE INDUSTRIOUS HEN CO.  
KNOXVILLE, TENNESSEE



## The \$ Exhibition Coop

Neat, durable and complete. Standard size 24x24x27 in.; 1/2 in. round rods; painted light blue; clean-out drawer; canvas sides and back; weight 12 lbs; shipped flat; low rate \$1.00 each. Other sizes and styles for Associations. Circular free. The Gem Incubator Co., Box 307, Trotwood, Ohio.



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## The Egg Question Solved

Only healthy hens lay well.  
Only healthy, laying hens are profitable.  
Health in your poultry yard makes poultry profitable.  
Sickness makes it a dead loss.

## MAGIC POULTRY FOOD

Keeps hens in health. Makes them fat for the market and makes them lay eggs regular. No poultry man should try to get along without Magic Poultry Food. It is helping thousands of poultry raisers. Send for our "Helpful Hints" on poultry keeping.

**THE MAGIC FOOD CO.**  
CHATTANOOGA, TENN.

P. S.—Any poultry raiser sending us their name and post office, and the name of their dealer we will send FREE one of our Magic Egg Testers or our Prize Puzzle Book.

**The Best of all Poultry Tonics and Regulators**



## MODEL INCUBATORS and BROODERS

**YOU WANT** A hatcher that does not require night watching; a hatcher in which the heat is perfectly, automatically regulated.

**THE MODEL** Contains the most perfect heat controller in existence. Strong, yet active; sensitive, yet positive—perfect in action.

The Patent-Office has decided in my favor in the interference suit on this perfect-acting regulator.

### The Model Corrugated Leaf, Compound Thermostat.

This thermostat has three corrugations in each leaf; is exceedingly strong and rigid; is not easily damaged; and is so positive in action that the entire movement given off by the different coefficient of expansion between the two metals of which it is made is transmitted to the controlling device without any loss of movement.

The Model Incubator gives a perfect heat control, which stimulates and holds the germ development uniformly constant and normal, as under a hen. This wonderful hatcher has almost a perfect balance in ventilation and humidity, and supplies all the vitalizing principles found under the incubating hen. The Model Incubators and Brooders are used on the biggest money-making commercial poultry plants in this or any other country. The Model Double Indoor Brooder is just what you want for winter work. Broiler men pronounce it the most successful rearing yet produced. At the Mode Farm, where we raised over 80,000 birds the past season, the Model Double Indoor Brooder did the best winter work. Buy your incubators and brooders of the man who knows how to hatch and raise poultry, who is doing it successfully on a commercial basis, and who can help you to be successful. Your success is my success. Write for my printed matter.

CHAS. A. CYPHERS, President, Model Incubator Co., 332 Henry St., Buffalo, N. Y.



## PORTER-GEORGE POULTRY CO.

KNOXVILLE, TENNESSEE

—AGENTS FOR—

## Chas. Cypher's Model Incubators, Brooders and Feeds

Goods carried in stock sold f. o. b. Knoxville.

Eggs of Barred Plymouth Rocks, White and Brown Leghorns for Sale.

## The KNOXVILLE STORAGE CO.

SOLE AGENTS, 123 Jackson Avenue, KNOXVILLE, TENN.

CARRY FULL LINE CYPHERS' INCUBATORS AND BROODERS.

Prospective buyers are invited to call or correspond. They can save you money and show goods before you buy.

## D. R. MAYO

625 GAY STREET, KNOXVILLE, TENN.

Poultry Supplies, Field and Garden Seeds

DARLING'S FEEDS. BEEF MEAL, BONE MEAL, SHELL AND GRIT.

A full line Prairie State Incubators and Brooders. Write me your needs

Headquarters for  
Poultrymen

## HOTEL IMPERIAL

Knoxville's Most Modern  
and Up-to-Date Hotel

LONG DISTANCE PHONES  
IN EVERY ROOM

Rates \$2.50 and up. Rooms  
with Bath, \$3.50 and  
\$4.00 per day

AMERICAN PLAN

## 100 YOUNGSTERS FISHEL WHITE ROCKS

A Fine Flock, Good in all Points

Nice breeding cockerels at \$2, \$3 and \$5 each, with a few exceptionally fine ones at \$8 and \$10 each. A few pullets at \$2 and \$3 each, with a very few extra choice ones at \$5 each. Toulouse Geese \$5 each; \$12 per trio. Bronze Turkeys \$6 each; \$15 per trio. Also a few hens at \$2 and \$3 each.

Write me. I'll treat you right.

**PLUMMER McCULLOUGH**

Box A,  
MERCER, PA.

## 200 GROWING YOUNGSTERS

## "RINGLET" B. P. ROCKS

EXCLUSIVELY

E. B. THOMPSON'S CELEBRATED STRAIN

Bred for Quality, Not Quantity

Unexcelled in Laying Qualities, Size, Vigor and Beauty. Sons and daughters of my prize winner "Crackerjack" at last season's Richmond Poultry Show, weight 12 pounds. I have the prettiest lot of cockerels and pullets, both for the show room and breeding purposes, that I can sell you at reasonable prices, considering their superior quality. Write me what you want and I can please you. Satisfaction guaranteed. Address.

**LESLIE H. McCUE**

Box No. 3

AFTON, VIRGINIA

SILVER LACED

## WYANDOTTES



Hatchable eggs from strong, vigorous, beautiful, fully marked Silver Laced Wyandottes. Well mated, well cared for. Selected Eggs from Pens Headed by Prize Winners, \$2 for Thirteen. A few Cockerels and Pullets for sale cheap.

J. A. MUECKE, Jr., Kingston, Tenn.



# WHY DON'T YOU?

**Why Don't You Send For It** And give it a chance to prove to you what it will do, a chance to show you how it works? It is easy to get. A short note, giving your name and address, saying, "I want to try it," will bring it to you by next mail, all charges paid. You don't need to fill out any blanks, don't need to give any references, don't need to answer any questions. You don't need to send any money. It is yours to try, simply for the asking. **WHY DON'T YOU?** We don't care where you are, what your nationality, sex, religion or politics may be. We care only to know that you are sick, that you need it and will try it. That is all. We are glad to send it to you without a penny. We don't even care what your trouble is. We are willing to take our chance on it helping YOU, as it has helped thousands with all diseases, and on you paying us after it has helped you. Why don't you send for it? Why don't write today?

## It Costs You Nothing To Try! Why Don't You?

**One Million Sick People** have accepted our offer and tried Vitae-Ore at our risk. Why don't you follow their example? One million sick people have tested Vitae-Ore without a penny's risk, have judged it; have seen for themselves what Vitae-Ore is and what it can do, as we ask you to see and judge. Hundreds of ailing, sickly, bodily weak, worn-out people are sending for it every day in the year. Perhaps at this very moment some one a short distance from your home is writing us for a package on trial, taking the first step to health we ask you to take. Month after month our trial offer has appeared and has been accepted by thousands of people who needed the health Vitae-Ore offers. We keep on advertising this offer, because Vitae-Ore cures and satisfies, because people judge it honestly and gladly pay for the trial treatment when they are benefited. Why don't you send for it? You have everything to gain and nothing to lose. You are to be the judge. Read our trial offer, read the good work Vitae-Ore has done for others, and write for a package today.

## Dropsy From Fever

**Feet and Limbs Were Badly Swollen--Had Kidney and Heart Trouble.**

ABALINE, ARK.—I was taken down with a Fever a year ago, which resulted in Dropsy and Kidney Troubles, and after a time I became afflicted with Tonsillitis and Heart Trouble. My feet and limbs were so swollen I thought they would burst; there seemed to be an ulcer in my Stomach, and I had no appetite whatever. I was treated by two of the best doctors in this country, but they did me no good. One of them said that I would have to go to Hot Springs and have an operation performed on my throat before I could be cured. I was in a horrible condition, and did not think I could live to see another winter. I sent for a package of

Vitae-Ore, but had small hopes of it helping me, for I thought I was beyond the reach of medicine. I began taking Vitae-Ore and after three weeks' use the swelling was disappearing and my throat was well; my heart was beating normally and the color had returned to my face; the fever had left me and I had regained my appetite. After taking two packages of Vitae-Ore I was in better health than I had been for ten years; I felt like a different woman entirely. I cannot praise V.-O. enough, and even though I were to write for a week I could not tell all it did for me. It has saved my life, and I tell all my friends, as well as the doctors, who are surprised at my improvement, that Vitae-Ore has cured me. I also advise those who are ailing and wish to get well to take it as I did. I have since used it for Piles and three applications affected a cure. I have used it in my family for Colds, Fever, Cramp and Ulcers, and I find it good for all; in fact, we cannot do without it.

GERTRUDE JOHNSON.

## OUR TRIAL OFFER

**If You Are Sick** we want to send you a full sized \$1.00 package of Vitae-Ore, enough for 30 days' continuous treatment, by mail, postpaid, and we want to send it to you on 30 days' trial. We don't want a penny—we just ask you to try it, just want a letter from you asking for it, and will be glad to send it to you. We take absolutely all the risk—we take all chances. You don't risk a penny! All we ask is that you use V.-O. for 30 days and pay us \$1.00 if it has helped you, if you are satisfied that it has done you more than \$1.00 worth of positive, actual, visible good. Otherwise you pay nothing, we ask nothing, we want nothing. Can you not spare 100 minutes during the next 30 days to try it? Can you not give 5 minutes to write for it, 5 minutes to properly prepare it upon its arrival, and 3 minutes each day for 30 days to use it? That is all it takes. Cannot you give 100 minutes time if it means new health, new strength, new blood, new force, new energy, vigor, life and happiness? You are to be the judge. We are satisfied with your decision, are perfectly willing to trust to your honor and your judgment, as to whether or not V.-O. has benefited you. Read what V.-O. is, and write today for a dollar package on this most liberal trial offer.

## WHAT VITAE-ORE IS.

Vitae-Ore is a mineral remedy, a combination of substances from which many world's noted curative springs derive medicinal power and healing virtue. These properties of the springs come from the natural deposits of mineral in the earth through which water forces its way, only a very small proportion of the medicinal substances in these mineral deposits being thus taken up by the liquid. Vitae-Ore consists of compounds of Iron, Sulphur and Magnesium, elements which are among the chief curative agents in nearly every healing mineral spring, and are necessary for the creation and retention of health. One package of this mineral substance, mixed with a quart of water, equals in medicinal strength and curative, healing value, many gallons of the world's powerful mineral waters, drunk fresh at the springs.

## STOMACH AND KIDNEY TROUBLE.

**All of His Disorders Now The Past.**

KENTON, O.—I have had Stomach and Kidney Trouble for twenty-five years, and with Cramps at so bad that I could not rub my legs and the floor to get straightened out four and five times. Since using Vitae-Ore, all my stomach and my appetite good. I can eat and sleep and the Cramps are gone. I would say to every person, after you try this medicine that friends tell you to try, failed, then take Vitae-Ore and be cured. J. A. OAK



## Cured Locomotor Ataxia

**Has Now Good Use of His Limbs Is Free From Pain**

SYRACUSE, IND.—It is with great pleasure that I write concerning my use of Vitae-Ore. One year ago I became afflicted with Locomotor Ataxia and Paralysis as well as Kidney Trouble. I began using Vitae-Ore three months ago. I was then suffering intense pain, had no appetite, was very nervous and could just drag my feet across the floor, by supporting my weight on the back of a chair. I was also very despondent. Within ten days' time after using Vitae-Ore, I could eat, sleep well and was free of pain and despondency. Today I have good use of my limbs, can work and life seems worth living again. Words fail to express my thanks for what Vitae-Ore has done for me. JAMES L. HILL



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## IT IS THE PERSONAL INTEREST

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ADDRESS, THEO. NOEL COMPANY

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CHICAGO, ILL.



# THE INDUSTRIOUS HEN

An Illustrated Monthly for Poultry, Live Stock and the Farm

Vol. 4

Knoxville, Tenn., November, 1907

(Whole No. 42) No. 6

## POULTRY WORK FOR NOVEMBER

BY THE EDITOR

It is full time now to put up the pullets, sell off the last of the surplus cockerels and the useless old hens, if you have not already done so. Begin now to observe your fowls carefully, study them a little each day. It will be invaluable to you in selecting your show birds and the breeders for the coming season. A good way is to class them into flocks, your utility market egg flock, your breeders and your show birds. By keeping up the culling and selecting from day to day you get the best results. It's not too late to whitewash, to clean up, to repair those leaks and stop all cracks which may cause drafts.

It is much better for fowls to be in the open air than in a house where there are cracks or a draft.

If you have any late hatched chicks give them a sheltered place and provide all get them off the ground on to posts. Be sure to go into winter quarters now with the lice and mites

exterminated as nearly as possible; you'll never regret it, and you will mean more eggs, fertile eggs and stronger chicks. Spray the houses and roosts with kerosene emulsion or pure kerosene once a week for a month. As you put your pullets in their winter quarters dust each one by hand; hold fowl by the legs, over a sheet of newspaper, start at vent and dust down, rubbing the powder in around the vent at junction of thighs and body, under wings, in fluff and along back and neck—the paper will save you lots of powder to be used over again. Do this once a week for a month and the lice question will be settled for the winter. The males will need a thorough dusting, more than the females; they are so gallant they do not dust as often as the hens. Collect some barrels full of road dust for use during the winter. Be sure not to have any fowls to roost in trees this month. It may not hurt them, but the eggs you get will be few and far between.

The big shows will come off next month and January. This month you must train your show birds to make them gentle and teach them how to pose; keep them in a clean place out of the rain and wipe feathers off each day with a soft cloth. If you do this you will hardly have to wash even white fowls. The poultry business year begins now, so you

must get your fowls to laying this month or they may not begin till spring. Clean all the old nests out, burn the nest material, paint nests with kerosene and burn them over, put in fresh nesting material, put earth in bottom with lice powder or tobacco stems in it, a small amount of hay, straw or leaves on top of this. Be sure to feed green cut bone or beef scraps regularly this month. It is not too late to plant turnips and lettuce for green feed, both will grow with but little shelter,

a covering of brush will protect them. If you can get it now is a good time to feed sunflower seed, especially to your showbirds. In selecting the breeders it is best to use cocks and hens as you have their past records in the breeding line to guide you. If you use pullets, use those as near a year old or over, as you can. Install some trap nests, if only a few, you will then appreciate their value in giving you valuable data. Keep a strict account,

or you will never succeed as you will never know how you stand.

It's from Missouri this time. In *Southern Poultry Journal* is an account of a nest scheme for keeping egg records. Briefly, the hen enters and lays her egg, it drops in a dipper, where it is numbered and dated, while another part of the machine pastes the same number at base of hen's tail; at night you compare egg number and hen labels, and there you are.

We are afraid someone has been putting it up to Hopper pretty strong. There ought to be an attachment to catch and hold the hen so label can go on right spot. Who's going to do the licking of those labels? If they stick there'll be some feather pulling, too. We want to be shown, like those Missouri fellows.

Brother Murkin is to be congratulated on having secured the services of R. E. Jones as assistant editor. Jones is a first-class breeder and poultry judge, as well as a live man. He will be an acquisition to the ranks of poultry journalists. He has recently moved to Nashville, where the *Southern Poultry Magazine* is published.

The sure way to sell your surplus stock and eggs, whether the amount is large or small is by advertising. Do it now.



Flock of 100 S. C. White Leghorn Pullets from the yards of A. J. Lawson, Secretary Cleveland Poultry Association, Cleveland, Tenn.



## POULTRY FAILURES—FIRST PRIZE ARTICLE

WRITTEN FOR THE INDUSTRIOUS HEN BY ROBERT S. PORTER



HERE is no other business into which so many enter and so few succeed as the poultry industry, and yet it is not such a difficult business either, if properly handled. First let us consider why so many enter the poultry field. There is no other business into which one can apparently start with such small cash capital, and when figured on paper this small investment will pay one about 1,000 per cent. American people are always after a get rich investment, and rarely ever

go further than the figures and paper in their investigations.

Another reason why so many enter the poultry business is that nearly all human beings love pets, and as poultry not only makes delightful pets, but they are also useful and ornamental, there is also a fascination in breeding fancy stock which has the same influence as gambling—once begun, rarely given up.

Still another reason for recruits to the poultry profession is that it is more widely advertised than any other line of business; and as all modern business is measured by its advertising, so the poultry business springs ahead at tremendous bounds.

Yet another condition which lends impetus to the chicken industry is the steady and rapid advance in the prices of poultry and eggs. When a man hands his grocer 30 cents for one dozen doubtful eggs and 50 or 60 cents for a fryer no larger than a good sized sparrow, he very seriously considers raising a few chickens himself. Then comes the fabulous prices which some fancy birds bring. When an "outsider" reads of a single bird selling for \$100, \$200 or even \$1,000, he thinks "what man has done, man can do again," and he decides he will be just as willing as the other fellow to accept these pleasing prices.

After considering these very attractive facts in reference to the poultry business, it is rather surprising that so many fail. Yet a majority do fail, and I believe that by thoroughly investigating these failures we will find that a great many went into the business expecting too much and did not fail, but only gave up. To illustrate, let me cite you to an instance which came under my observation this last season, as I believe it will fit nine-tenths of our failures. A certain young man, who had no experience in the poultry business, decided, after reading a few poultry papers, that he would go into the poultry business and get rich. He invested \$48 in

equipment and proceeded to business. He had only moderate success with hatching and brooding, partly due to inexperience and partly to circumstances. At the end of the season he gave up, and I asked him what the trouble was and he said that he had cleared only \$10.

Just stop here and we will do some figuring. On an investment of \$48 he cleared \$10, or in other words twenty and five-sixths per cent, and yet he was not satisfied. What he expected was to make back his investment and about one hundred per cent more the first year. If he had entered any other legitimate business without any experience and only \$48 capital, do you believe he would have made any profit?

This fellow entered the business under false impressions and some one is responsible for these impressions. Let us look into this matter and correct the evil, if possible.

One of the reasons for these conditions is the misleading articles published in the poultry journals. There are always plenty of writers (called boomers) who emphasize the income but rarely ever mention the expenditures, and the beginner thinks the income is the profit, and therefore enters expecting too much.

Right here let me say a few words to the poultry writers. Do not paint your pictures in such bright colors that the beginner will fail to see anything but the sunshine and beauty in the landscape. Put in a few thunder-clouds; a foot-sore traveler, or even a storm scene will help to warn him that he must be prepared for emergencies. This will not keep him from entering the industry but will hold more of those who do enter.

I do not wish anyone to understand me to be a knocker but only one who has been knocked and is anxious to save his fellows from unexpected knocks. "Forewarned is forearmed."

If you contemplate entering the poultry business, do so but go slow, and do not expect to make a fortune the first year, or even expect it to support you for several years. Grow up with your plant, using every failure as a stepping stone to your next success, and do not think that because you do not get your plant on an independent basis in a few short years that it is a failure. Get these thoughts fixed firmly in your mind; to succeed requires labor, experience, and time. Capital is all right, provided it is coupled with experience, otherwise it is dangerous. Therefore, first make up your mind to work, thereby gaining the necessary experience, and then put in the capital. In this way you may expect to make money in poultry, for I believe there is money in it if properly handled.

## FALL CARE OF BIRDS

WRITTEN FOR THE INDUSTRIOUS HEN BY R. E. TRAVIS



WITH the advantages of farm-raised fowls, by intelligent planning, the breeder may get some fine results and compass interests that will help both poultry and stock. I planted about 11-4 acres in Red Top sorghum near the poultry yards, and having closed the breeding season, my three breeds, White Wyandottes, White Rocks and

Rhode Island Reds, were all turned out on the free run about the middle of July.

In a short time the seed of the cane began to mature. I then turned in a few pigs and some calves, and when these began to turn down scattering stalks here and there, the foraging of the fowls, both older and younger, followed in earnest. The shade was deep, the birds kept busy, and now in the month of October, with the cane heads matured, I think I have never seen some hundreds of birds of sizes from the weanling up, do better.

They are hearty, vigorous, cheerful; they grow at a rapid rate, and their plumage has a luster each to its breed, and I have not seen a sick or droopy one in the whole lot. With the breeding pen gates kept open through the day, they pass back and forth for water at will, and late in the afternoons seek their own quarters in the yards. Every evening they have a frolic. Of course they are all mixed up. That is all right till next January when the mating season is on.

I feed a small quantity of wheat every morning and evening, more to herd them than otherwise. I should say also that the smaller of the sunflower heads were left in an adjoining patch to the cane, and they forage on that, too.

The results in growth, to health and plumage, have been very fine. The moult, always on in our latitude at this season has not lingered so long; besides before that is over they are now (September) beginning to lay. They will all have the freedom till January, except the stock that may be sold, and then the breeding pens can be relied upon for vigor and good per cent of fertile eggs for hatching. In this way strong chicks may best be expected.

There is an utter absence of any form of disease or ailment with this treatment. To try and test somewhat, I put out neither charcoal nor grit and have used no remedies, for there was nothing to treat. The youngsters grow right along and the two-year-olds look as if they had been washed for the show room.

I throw the gates of the pens open early and they are then out and gone, and so every day is an outing. Now, the country or on the farm, I think the man who will provide some such place may to a good degree help in growing vigorous stock and possibly reap a larger egg yield through the winter. His stock in such case is desirable. The man who purchases stock like that to breed from, and the man who sells are both profited.



## A CRITICAL PERIOD

WRITTEN FOR THE INDUSTRIOUS HEN BY J. O. LEWIS



Y experience, based upon practical care and observation in poultry raising, both for pleasure and profit, has demonstrated to me—more than ever this season—the necessity of paying very strict attention to the needs of my stock during the fall months; more particularly this season, for the reason that we have had an abundance of rain the past summer and early fall, and a condition of very changeable weather.

For old stock, the ones that are producing, are just now emerging from their molt, a period that draws very heavily upon their vitality, and many practical poultrymen will sustain me, I believe, in the statement that many, very many, die during and immediately after this period of molt. The call on nature for the production of new feathers is indeed very heavy, consequently their laying ceases, their constitution is very much weakened, and their need of an extra amount of attention is self-evident. This treatment embraces plenty of good nutritious food, regularly fed, good snug quarters, well ventilated and dry. Foods should be well balanced, both as to protein and carbohydrates, in other words, to produce both feather and fat.

Now as to young stock. During the summer season young stock do not grow all the feathers that are necessary for their winter clothing, for most of the food consumed goes to make bone and muscle and when fall begins, if you will examine your youngsters, you will find them full of pin feathers. Young stock which are well matured, go through a molt also during the summer and early fall and consequently have many new feathers to grow. Now it is just at this period, when very decided changes in weather take place, that extra care is needed most. We have very warm days and very cool nights, and frequently some very rainy and damp spells, all of which are conducive of more or less trouble. This is decidedly the season when snuffles, colds and roup manifest themselves, and unless one is very observant and careful, the trouble will rapidly develop and work considerable harm before you are fully aware of it. There is but one way to prevent this, and that is through the ounce of prevention measure, to-wit: Dry roosting quarters, free from draughts, but well ventilated and plenty of roosting room, and kept very clean; good wholesome food, and plenty of it, especially a good evening meal;

good, pure drinking water, in clean vessels, which should be scalded out every two or three days, for roup and such diseases are contagious and are only spread through the drinking water, hence the most careful attention to this item is necessary. I might here recommend the use in the drinking water of a small piece of sulphate of iron (copperas) about the size of a bean to a gallon of water, every day for two or three weeks. It tones and thickens the blood and helps the plumage, both in quality of fibre and color. Do not permit your chickens to crowd, it is dangerous. Have plenty of roosting room in good, dry, clean quarters; I have repeated this, for it is so absolutely essential, that I want to emphasize its importance. This is also the season when we find more pride in our pets—the old ones just over their molt, with bright, pretty new plumage, and the younger ones filling out and developing into mature stock, getting ready for the fall exhibitions and winter egg production, just the season when they are at their prettiest. It has been said, and rightly too, that “a pullet is at her best and prettiest just before she begins to lay,” and it is just at this time that the most particular attention is necessary. Too often have I set my heart—and others have also—upon some extra fine specimen, one that I knew was going to win a prize, watched it grow and develop, the pride of the yard, when all at once and from some unknown cause, it develops a cold, the snuffles as we call it, with a rattling in the throat and all too frequently the sore head, or roup as it is called, and all our hopes are dashed to pieces and we are ready to despair. These troubles almost invariably put the bird in such a condition that they are absolutely unfit for the show room and especially for egg production, and become so debilitated, that if they recover at all, it is way late in the winter or spring, then if they do begin to lay, they are unprofitable, both as to the quantity they lay, and the fertility of their eggs.

Colds and roup not only ruin the plumage and cut off the egg yield, but create a very unsanitary condition which is extremely hard to get rid of and dangerous at all seasons. Another important feature in their care is to provide a good dust bath; very important, for lice destroy plumage and sap their strength and worry them so that it also decreases the egg yield. I could prescribe several good remedies for the treatment and cure of roup and colds, but far more important than treatment and cure, is the ounce of prevention, consequently if you would avoid the troubles mentioned, follow closely the foregoing advice and you will be amply rewarded.

With the permission of the editor, I should be glad to give you a continuance of this article and treat upon the subject of “Feeding for Winter Eggs.”

## ADVICE TO BEGINNERS

WRITTEN FOR THE INDUSTRIOUS HEN BY J. A. DINWIDDIE

I N making your start, decide how much money you are going to invest, then decide on the breed you want to handle. In deciding the breed take into consideration the section of the country where you are going to do business and the character of the place where your plant will be situated. All things being equal, select the breed and color that pleases you best, you will have most success with that one. Next, select a reliable breeder, tell him what you want and how much you wish to invest, he will give you good advice and select for you better than you can yourself. Buy stock, by all means, as at best the buying of eggs for hatching is unsatisfactory to both sides, particularly when shipped some distance. Don't try to get too much for your money. Better a few real good ones than a number of medium grade fowls. In the business these days, the most money is made from the fowls producing the greatest number of eggs for a given amount of food. The 200 or 250 or possibly the 300-egg hens are the ones poultrymen are going to take off their hats to. Take the farm, for instance, that is the place where poultry should pay best, and where it is most neglected, though

many a time when crops fail the farmer would be in a bad hole if it were not for this despised and neglected poultry. With a small investment and a few intelligent changes in methods he could double his poultry output, so if you can manage it, make your start with strain-proved egg layers, with trap nested records. It's the old idea of two blades of grass where one formerly grew—two or three eggs produced for the former cost of producing one.

Start with pure blooded stock, bred for eggs. Breed for a high egg record, attend your local and state shows—it's an education in itself. To get a knowledge of the general management of fowls visit all the poultry plants you can in your neighborhood; ask all the questions you want, the owners will be glad to help you. Most important is to attend the poultry course at your nearest university or experiment station, and any poultry institute you may be able to get to. Take several poultry journals, preferably the local ones, as they have articles and advice which applies to your local surroundings best. When you are ready for business advertise in poultry papers, stating clearly what you have to sell and when you fill orders give exactly what you promised, preferably a little more, never less. Then your enterprise will be fully launched, success or failure will depend largely on your management.



## HATCHING CHICKENS BY ELECTRICITY

WRITTEN FOR THE INDUSTRIOUS HEN BY GRANT M. CURTIS, PRESIDENT CYPHERS INCUBATOR COMPANY

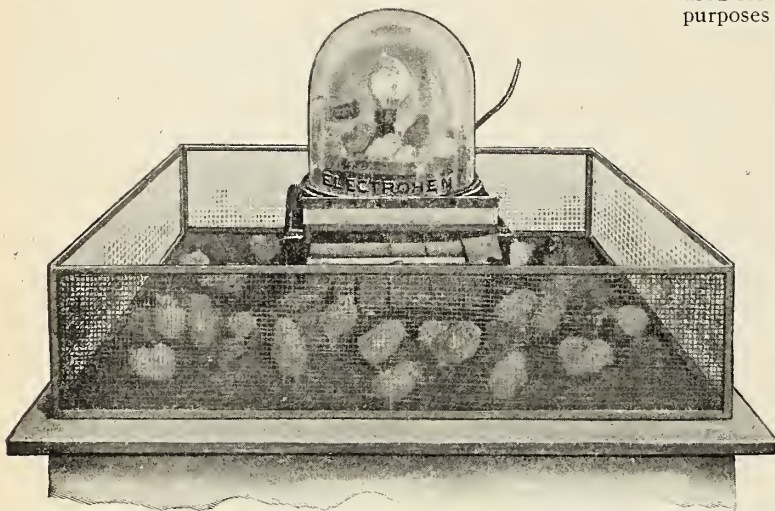
**D**URING the recent annual convention of the American Poultry Association at Niagara Falls, a most interesting display of electric incubators, electric brooders and electric thermostats was made by Cyphers Incubator Company, showing chicks being hatched and brooded literally by the hundreds by means of ordinary electric current produced by the Falls of Niagara. This exhibit attracted unusual attention. Old and experienced poultrymen made repeated visits to the large room in which the exhibit was held.

Herewith is shown a photographic view of this unique exhibit as made at Niagara Falls last August, except that the articles shown in the picture were arranged around the large room, and several interesting pieces are not shown in the illustration. In these new and novel electric incubating, brooding and regulating devices, the necessary heat was obtained from ordinary incandescent lamp electric lighting fixtures. In other words, the apparatus here referred to can be used with safety and convenience wherever ordinary electric lighting current is available twenty-four hours of every day, Sundays included, during the hatching and brooding season.

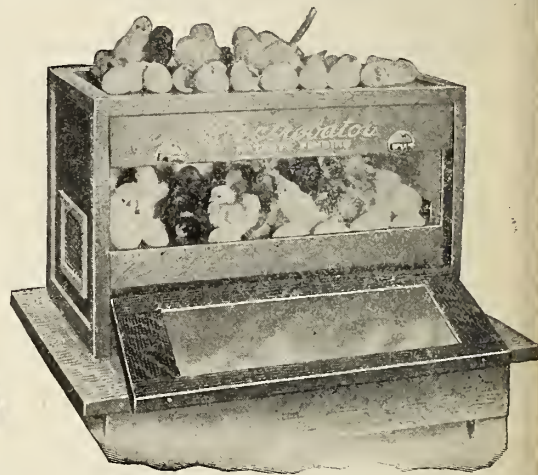
One of the separate illustrations presented herewith shows the "Electroplane," a device so constructed that it can readily be placed in the hatching chamber of any of the old incubators now in use throughout the civilized world, its purpose being

The Electric Adaptable Brooder shown in the accompanying illustration (photographed at Niagara Falls August 15th 1907), was designed to take care of chicks after they are hatched. The temperature is maintained automatically at ninety degrees to ninety-five degrees for the first week and after the chicks are older the regulator is adjusted to from eighty degrees to eighty-five degrees, until finally the artificial heat is dispensed with entirely. In this device, as in all others here referred to, an electric thermostat cuts out the current whenever the temperature goes above the required degree, and turns on the electricity, automatically and infallibly, when the temperature in the hatching or brooding chamber goes below the required degree. When the current is cut off, there is no cost for operation—none whatever. As regards the cost generally of operating the electric incubating and brooding apparatus herein described, an ordinary 16-candle power incandescent electric light will supply sufficient heat to run a No. 1 Standard Cyphers Incubator, capacity about 144 eggs, in a room in which the temperature is about 45 degrees and the current will be "on," i. e., passing into the machine only about one-half the time. This fact has been demonstrated by repeated tests.

The "Electrohen" (see illustration) is the trade-name for a unique and artistic oval glass, electric hatching device to be used for advertising and educational purposes—for advertising purposes at poultry shows, in store windows, etc.; for educa-



The "Electrohen"—(Photographed at Niagara Falls, August 15th, 1907.) A glass globe incubator and brooder combined (operated solely by electricity) in which the pipping of the eggs and the exclusion, drying and brooding of the chicks or ducklings are in plain view at all times.



The "Electrobator"—(Photographed at Niagara Falls August 15th, 1907.) An electrically heated and regulated incubator, designed expressly for fanciers and poultrymen who require only small hatching capacity. Holds seventy-two eggs.

to supply electric heat in place of the oil heat commonly used, without interfering in any way with the use of the incubator as a lamp machine, if that is desirable. By means of this device the disagreeable features of oil incubators, i. e., fumes, odors, the filling and cleaning of lamps, the trimming of wicks, etc., are avoided. This makes these devices especially attractive for use in the homes, office buildings, or stores. They are dirt-proof, fire-proof and shock-proof.

The "Electrobator" is a six dozen egg capacity electric incubator, designed especially for the use of poultry fanciers and other poultry raisers who reside in cities or villages where ordinary lighting current is obtainable and who do not require large hatching capacity. It is constructed of quarter-sawed oak, mission finish, and is as attractive in appearance as a music box. The machine shown in the illustration herewith was in successful operation at Niagara Falls and hatched the chicks shown in the picture. The photograph from which this half-tone was made was taken at Niagara Falls during the A. P. A. convention, by a local photographer.

Inasmuch as no odor, gases or dirt of any kind attaches to its use, the "Electrobator" can be used and will do satisfactory work in living apartments and offices where the owner of a lamp machine would not find it desirable to run an incubator heated by kerosene oil. The Electrobator is as odorless and as free from dirt in all respects as an ordinary electric lighting fixture, and is practically as easy to use. The operator merely turns the button and "the silent current does the rest."

tional purposes in colleges and high school laboratories, in class rooms for nature study, etc. As is the case with the Electrobator—also with any hatching machine of ordinary type equipped with an Electroplane—this attractive novelty, the Electrohen, is readily connected to any electric lighting circuit, either alternating or direct current, by the usual flexible cord and plug. It is only necessary to "turn the button" and sufficient heat will be provided in the Electrohen for hatching and brooding the chicks in the one machine.

For example, eggs due to hatch within three or four days can be placed in the Electrohen to excellent advantage, with the result that spectators can witness, in plain view, the pipping and breaking of the shells, the exclusion and drying off of the chicks or ducklings, while at the same time the chicks or ducklings first to hatch will be running about in the nursery department or feeding in the enclosure surrounding the machine.

The Electrohen, like the other electrical apparatus here described, is entirely free from odors, escaping gas or other offensive elements, hence can be introduced into the handsomely furnished and electrically equipped homes or offices of fastidious persons, including professional or business men also into school rooms or laboratories without inconvenience or danger.

The advantages of using electricity for incubating and brooding purposes are numerous and important, and the inventors of the machines herein briefly described believe that electricity will be adopted generally, within the next few years.





Something New Under the Sun—Photographic view of section of the remarkable exhibit made at Niagara Falls, August 13-15, 1907, by Cyphers Incubator Company, Buffalo, N. Y., in connection with thirty-second annual convention of American Poultry Association. Hundreds of chicks hatched and brooded by electricity.

in all cities and villages of the United States and many foreign countries where ordinary lighting current is obtainable twenty-four hours of every day, Sundays included, throughout the hatching season. Permit us to add, further, that the number of such cities and villages is now surprisingly large and they are increasing rapidly. How about your home town, reader?

Many friends of Cyphers Incubator Company have congratulated it as the pioneers in developing and introducing this method of hatching and rearing domestic poultry by artificial means. This was notably true at Niagara Falls last August during the progress of the thirty-second annual convention of

tary of the New York Poultry, Pigeon and Pet Stock Association, expressed deep interest in this "new departure." Under date August 20th, 1907, Professor Rice wrote the Cyphers Incubator Company as follows:

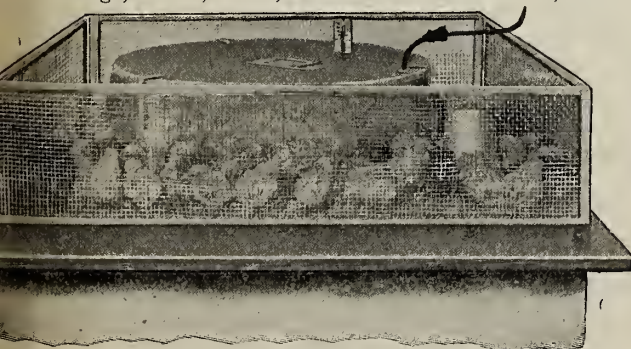
"I was very much interested in your exhibition of electrical hatching devices displayed at the meeting of the American Poultry Association at Niagara Falls. We would be glad to have you place a sample of each of these devices in our incubator cellar to be operated from our electric current which lights the building, in order that our students and the visiting public may have the benefit of these recent inventions."

The complete catalogue of Cyphers Incubator Company for 1908 (ready for mailing about December 1st) will contain a full description of the electrical devices above mentioned.



The "Electroplane"—An Electric Heater for use in the top of the egg chamber of any make of incubator on the market in which it is desired to employ electricity in place of kerosene oil or gas.

the American Poultry Association. Leading members of the poultry press were in attendance and spoke in terms of high praise of the electrical incubating and brooding devices there exhibited in full operation. Such men as Mr. James E. Rice, professor of poultry husbandry, New York Agricultural College, Ithaca, N. Y.; Hon. Robt. R. Slocum, poultry assistant, United States Department of Agriculture, Bureau of Animal Industry, Washington, D. C.; Mr. C. K. Graham, professor of poultry culture and poultry manager, Connecticut Agricultural College, Storrs, Conn., and Mr. H. V. Crawford, secre-



Portable Electric Brooder—(Photographed at Niagara Falls, August 15th, 1907.) Operated and regulated by ordinary electric lighting current. Can be adapted to use almost anywhere.

## A POULTRY SUPPLY HOUSE

Written for *The Industrious Hen*.

IT is not unusual for the poultry journals and also the daily press of this section to enumerate the many advantages offered by East Tennessee to those engaged in raising poultry. For the most part such claims are well sustained, as the natural conditions are favorable to this branch of industry. These advantages are quickly observed by any one interested in poultry in other parts of the country where the climate is more severe and the natural conditions less favorable to success. Such was the case when some time ago Professor Rice, of Cornell, in his lecture here at a Farmer's annual convention was led to refer to East Tennessee as the "Eden for poultry culture." If an Eden it be then it is one with a drawback so pronounced that it makes one forget at times some advantages referred to. The absence of a supply house, carrying a complete line of poultry supplies is not only inconvenient but positively burdensome to every poultryman.

There are a number of reliable firms here in Knoxville where a few lines of supplies may be obtained readily and with satisfaction; incubators, brooders, grit, feed, etc., are offered galore, but when even such a simple little necessity as leg bands, white wash sprayers or other similar appliances are required one is obliged to send North, East or West to obtain them. When a disadvantage exists of necessity one can more easily accustom himself to the circumstance, but here is a disadvantage the removal of which is not only quite possible but also profitable. If one or another of the firms now carrying a few lines of supplies would add others and make his stock complete, the poultry business of East Tennessee would beat with a stronger pulse. Sooner or later some one will rise to his opportunity and supply what poultrymen require; but why not do it now?

E. C. WASSMANN.





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**Vol. 4** **NOVEMBER, 1907** **No. 6**

THE INDUSTRIOUS HEN is issued promptly on the first of each month. It furnishes the latest and most authoritative information obtainable on all matters relating to the Poultry industry, Live Stock breeding and intensive farming. Contributions that are practical and pithy are solicited.

The Editor is not responsible and does not always endorse the opinions as expressed by his contributors.

Subscribers desiring a change in address will please give the old as well as the new postoffice.

#### ADVERTISING RATES

Furnished on application. The value of THE INDUSTRIOUS HEN as an advertising medium is unquestioned. The character of the advertisements now in its columns, and the number of them, tell the whole story. Circulation considered, it is the cheapest Poultry journal in the United States to advertise in. Advertisements, to insure insertion in the issue of any month, should reach this office

**Not later than the 25th of the month preceding.**

**BREEDERS' CARDS**—2½ cents a word each month for one, two or three months; 2 cents a word each month for four or more months. A 25 word card will be run six months for \$2.50, one year for \$4.50. A small cut illustrating a breeder of 25 words or more will be used for 50 cents additional. Numbers and initials count as words. Please count the words correctly and avoid delay. We keep no books with this department and cash must invariably accompany the order.

THE INDUSTRIOUS HEN reserves the right to reject any advertisement for cause.

#### IMPORTANT

Many new advertisements, show announcements, etc., have been left out of this number of THE HEN on account of receiving them too late. We hold our forms open as long as we possibly can to accommodate our friends, but we must have a time to close, and that is the 25th of each month. Copy should be in by the 20th.

#### SPECIAL NOTICE TO SUBSCRIBERS

##### Your Address

On the wrapper or cover indicates when your subscription expires. In order not to miss a number it should be renewed one month in advance. If, after your name appears the date "Apr. 7," it means that your subscription is paid to April, 1907, and unless renewed will be discontinued after that date.



If a large letter "X" is stamped in the panel at the left of this paragraph, it means that the time for which you paid your subscription has expired and, unless renewed before the next issue, will be discontinued; therefore, if you do not want to miss THE INDUSTRIOUS HEN, YOU SHOULD RENEW AT ONCE. Do not fail to send us either 50 cents to pay for your subscription for another year, or \$1.00 to pay for the paper for the next three years. Better send \$1.00 and have the best and most helpful and practical poultry journal found in the world coming to you regularly every month for the next three years.

#### SAMPLE COPIES

If you receive a sample copy of THE INDUSTRIOUS HEN you are invited to subscribe for it. You may never get another copy, and if you like it, fill out the enclosed order blank and mail it with 50c for one year, or \$1 and have it come to you for three years. Thousands are doing this now and you will never regret it. In sending your subscription if you have a friend who would like to see a sample copy, send us their name and address, but send your own subscription RIGHT NOW. Do not put it off because you are busy, but DO IT NOW. Address THE INDUSTRIOUS HEN Co., Knoxville, Tenn.

#### AGENTS WANTED

We want an agent at every poultry show in the country to solicit subscriptions for THE INDUSTRIOUS HEN. We have a liberal proposition to make and a hustler can make good money. We have solicitors who make as high as \$10.00 per day. Others make from \$3.00 to \$6.00. If you want to make some easy money, send for our proposition.

Agents are wanted at every poultry show in the United States and Canada for THE INDUSTRIOUS HEN. If you want to make a little easy money soliciting subscriptions, write us for terms. We will guarantee that you can make good wages.

\* \* \* \*

It is a subject of congratulation not only to the Atlanta fanciers but to all who have poultry interests at heart, that there is to be but one show at Atlanta this season. Two associations are apt to cause hard feelings and result in a poorer show for each one. We hardly know of a city in this country which can support two poultry shows, certainly none in the South. With a fine building for the show and a united interest Atlanta will hold old rank among the big shows of the country.

\* \* \* \*

Our circulation manager wants one new subscription from every subscriber on our books. That is a very easy thing to do if every one will do it. All you need do is to show a copy to a friend and tell him how much you like it; how much good you have gotten from it—that it comes once a month, and only costs fifty cents a year, or three years for one dollar. Reader, wont you do that much? If you will, and you send us the name and address, with fifty cents, we'll send you for your trouble one dozen beautiful post cards free.

\* \* \* \*

It is estimated in the *Massachusetts Ploughman* "that a hen which consumes one bushel of grain yearly lays ten dozen eggs weighing fifteen pounds." This means that 3.72 pounds of corn will produce, when fed to a hen, one pound of eggs. It requires about six pounds of corn to produce one pound of pork. Taking into account the nutriment of each and the comparative price of the two, on an average, pork is about three times as costly a food as eggs. Therefore it will pay better to feed waste milk to fowls than to pigs, if not enough for both.

\* \* \* \*

The *Poultry Record*, of Carey, Ohio, is the liveliest kind of a chick in the poultry paper flock. It shows vigor, is a lively scratcher and shows signs of making its voice heard at an early age. It has unlimited range, the whole state of Ohio, and from the way the poultrymen are feeding it on a full feed of advertising balances, with plenty of encouragement, it promises to grow above standard size and weight. With free range and hopper feeding of this kind, how can it fail to grow. Add to this the cramming method, with a Coleman to shovel feed, what is left to wish for? Hands across, *Poultry Record*.

\* \* \* \*

We were much impressed with a suggestion made by Prof. Rice, of Cornell, at Farmers' Convention in Knoxville last year. It was that the logical thing for breeders who wanted early fowls was to have them hatched and raised in the South up to a certain age, when they could be sent East or West to the owners to be finished off. We see no reason why this could not be done to the mutual advantage of all parties. It could be arranged on a cash or percentage basis, and has great advantages for all parties concerned. The breeders of the colder climate could make their own matings and look to vigor and fertility. We have in the South many experienced men who could see to the proper hatching and rearing to say ten or twelve weeks of age. The youngsters would have the advantage of extending the best growing season to double the usual length. We hope this suggestion will be taken up and a trial made this coming season. When it is done we shall be glad to publish a report of results.



With the renewed life and vigor which has been infused into the American Poultry Association, and with the widening of the scope of their work, by the establishment of branch associations throughout the country, it has become an association which every one who has the true interests of poultry at heart should join. It is a representative body, and stands for the best we have in the poultry world. The work which it has mapped out will be of incalculable value to all of us. We are all interested in this work and should do our share toward helping it along by joining the local branch now. It is not a work which can be measured by the returns in dollars and cents to the members, but on a higher plane, by the work for maintaining the general tone of the industry and the good done the whole body by having a stable central organization clothed with authority.

\* \* \* \*

Prize corn that has already brought the raisers rich prizes at Chicago Corn Exposition will be sold at auction. It is estimated that \$250 per ear for the best will be bid. That's \$15,000 a bushel, and pays the raiser well. The winner won prizes aggregating \$7,513 for his ten ears of white corn, making them the most valuable in the world. One of the prizes was a farm in the Texas Pan Handle, another a \$500 piano. The winner is from a county from which there were 12 or 15 exhibitors, who won 150 prizes. He says:

"I began studying corn about twelve years ago, when I won a prize at a small farmers' institute. I never graduated from college, but I have attended special agricultural schools, and I advise all young men who want to become farmers to study at an agricultural school."

There's good sound advice from a successful farmer. The same holds true in poultry farming.

\* \* \* \*

The poultry show at the State Fair at Nashville was a fine one, well managed, the classes well filled and the attendance magnificent. But one point seems to us to have been neglected. We mean there were no prizes offered for judging poultry. There were prizes for judging all kinds of stock, and the competition was strong. That is right and proper. But we need more trained poultry judges than in any other department of stock raising. The demand is far above the supplies. There could be no better way to provide judges than by a competition at the state fairs of each of the states. The prize certificate would be a testimonial of the fitness of the winners. We trust and feel sure this will be remedied at the next state fair. Among the prizes offered at each of our larger shows there should be one or two offered for poultry judging, the competition to be decided by the judges of the show.

Another way, like at Cornell, would be to let each contestant score birds, the winner to be the one coming nearest to the score made by the judge or judges of the show. A certificate could be issued to the winner which would be recommendations for them as fit to judge at shows. It seems to us that the A. P. A. could use some such method as the above, by recognizing the award or certificate of such shows, in issuing a license to judge, provided the association was a member of the A. P. A. and the winner of judging contest had the proper recommendations. It would be less cumbersome and a more satisfactory method than the present one. It would be easier for an aspirant to get a chance to be a judge, and above all it has to recommend it, that an examination must be passed. We hope the A. P. A. will consider this idea and that it can be properly elaborated and adopted. We shall be glad to have the views of others on this subject.

\* \* \* \*

We want to make of this paper one of the leading poultry papers of this country. To do this we need your help. We need your subscriptions, your advertisements, but most of all we need your good will to help us in boosting one of the greatest industries in the world,

which is at the same time a most interesting pursuit and a fascinating study. It's not all a question of dollars and cents. It's a scientific study, a pleasure to those engaged in it, a means for all of us to get together, show what we can do, and above all to have an exchange of ideas and experience, to our mutual betterment and the advance of the industry. We have the finest natural poultry country in the world from Mason and Dixon's line down. It's the patriotic duty, and should be the pleasure of all of us to help make that section the greatest poultry section in the world, as it ought to be and is bound in time to be. Let's get together and all work to the same end, which will also be a means of help each to the other. We have in this paper a medium for exchange of ideas and experiences. It's up to you, my dear readers, to use it. It's not alone your subscriptions and advertisements we want. It's also to help you sell your stock, to answer any inquiries in connection with the business or your birds, you may wish to ask. We aim to give you all the good advice we can, all the latest information, hints, and matters of interest which may come up. To do this successfully we must have your help. You must ask anything you want to know, and give us all the pointers you can from your experiences which, among such a large circle of readers as ours, must be many and varied. Write to us, tell us what you have done, how you did it, why you succeeded or failed. We all have our ups and downs in poultry culture and should give each other the benefit of our experience. All of which means that we want to hear more from our friends. We want to help you and for you to help us.

\* \* \* \*

This season has been notable for the great increase in the number of small shows held and to be held. In Tennessee alone there are at least twenty-five more for 1907-08 than last season. This is a cause for congratulation, for these shows are one of the best forms of educating the farmers and poultry raisers to the value of beauty of thoroughbred stock. This is a crying need throughout the whole South. Great as is the poultry and egg business of Tennessee, it would make an angel weep to see the poor quality of stock produced, and the careless, shiftless methods employed in gathering, handling and packing eggs for market. A little knowledge of improved methods, care and an improvement in stock would mean millions of dollars more to our farmers each year. When we have poultry institutes in connection with each show, particularly the county fairs, with one or two practical men to show how and why things are done, we shall have a beginning of improvement in this line. We hope to see the day when this vital practical question will be taken up by the State Department of Agriculture and the government experiment stations, with proper appropriation. Then we can have practical men give practical demonstrations at each county and small show. These shows are not only of value as a practical exhibition of the beauty and value of thoroughbred poultry, but are a great opportunity for social gatherings, the making of pleasant acquaintances and the exchange of ideas and experiences which are always a great help to anyone. We hope that the A. P. A. will have the practical side of the business in view in selecting its bureau of lecturers and demonstrators. Another great result of these numerous small shows is the number of new people who are attracted to go in for thoroughbred stock by the beauties they see at these shows. This means more business for the breeders as well as a general improvement in the quality of stock kept. The larger associations should encourage these small shows all they can, as from them will be recruited the ranks of the larger shows. Breeders should make it a duty to show all they can at these smaller shows, not only as a matter of business, but as the duty of a good citizen to do all he can to help advance and improve the community in which he lives. The demand for good poultry and strictly fresh eggs was never so great, at good prices. It seems certain that the demand cannot possibly be met for years to come. The small and great shows, the poultry institutes, the poultry papers and the experiment stations are the means to educate the supply up toward the demand.



# AWARDS AT JAMESTOWN POULTRY SHOW

We have held the paper in order to publish a complete and official list of the awards in November number. A full account of the show will appear in our December number, written by our editor who was present. Suffice it to say that it is the unanimous verdict that in the quality of fowls exhibited the Jamestown show was far and away the best ever held in this country.

The awards as announced by the judges are as follows:

**Barred Plymouth Rocks**—James Corfman, Leipsic, O., 1 hen, 5 ckl.; Jos. Winkler, Oakland, Ill., 4 ckl., 2 hen; Lambert Poultry Farm, Apopka, R. I., 4 ck., 4 hen, 3 pen; Pine Top Poultry Farm, Hartford, N. Y., 3 hen, 1, 4 pen; Grove Hill Poultry Yards, Waltham, Mass., 1, 2, 3, 5 ck., 5 hen, 1, 2, 3 ckl., 1, 3, 4 pul., 2 pen; Henry D. Riley, Stafford, Pa., 2 pul., 5 pen.

**Columbian Plymouth Rocks**—Alden & Riley, Kerwood, N. Y., 1, 2 pul.; DeGaff Poultry Yard, Amsterdam, N. Y., 1 hen.

**Silver Penciled Plymouth Rocks**—Wm. R. Bowers, Baltimore, Md., 3 ck., 3, 4 hen, 2, 4, 5 pul.; Rock Hill Poultry Farm, Ossining, N. Y., 1, 2 ck., 1, 2 hen, 1, 2 ckl., 1, 3 pul., 1 pen.

**White Plymouth Rocks**—Lyman H. Hill, Jackson, Mich., 5 hen; Palace Poultry Company, Charleston, S. C., 5 ckl.; H. E. Mattocks, Oakland, Ill., 1 ckl.; A. C. Hawkins, Lancaster, Mass., 1 ck.; Eastland Poultry Yards, Nashville, Tenn., 3 ck., 4 hen, 4 pen; Rock Hill Poultry Farm, Ossining, N. Y., 2 ck., 3 hen, 4 ckl., 4, 5 pul., 2 pen; Greystone Poultry Farm, Yonkers, N. Y., 4, 5 ck., 1, 2 hen, 2 ckl., 1, 2, 3 pul., 1, 3, 5 pen; W. B. Doake, Burke's Garden, Va., 3 ckl.

**Partridge Plymouth Rocks**—Chas. A. Kahle, Red Bank, N. J., 1 ck., 1, 2, 3 hen; Wm. H. Moore, Chadsford, Pa., 1 ckl., 1 pul.

**Buff Plymouth Rocks**—Robbins & Jeffrey, Raleigh, N. C., 3 ck.; Wm. A. Stolls, Indianapolis, Ind., 2 pen; J. W. Poley, Royersford, Pa., 4 ck., 1 ckl., 4, 5 hen, 3 pul., 3 pen; Geo. Fox, Torresdale, Pa., 1, 5 ck., 1, 3 hen, 2, 3, 4 ckl., 1, 5 pul., 4 pen; C. W. Fowler, Smyrna, Ga., 2 ck., 5 ckl., 2, 5 pul., 1, 5 pen; C. W. Everett, Tuckahoe, N. Y., 2 hen.

**White Wyandottes**—Chas. Nixon, Washington, N. J., 5 hen, 1 pul.; Sunnybrook Farm, West Orange, N. J., 3 hen, 3 pen; Deepdale Poultry Farm, Great Neck, L. I., 3 ck., 2 pul.; West Mount Poultry Yard, Naugatuck, Conn., 1 ckl., 2 hen; Ocean Spring Poultry Farm, Ocean Springs, Miss., 5 ck., 4 pen; Mrs. T. W. Turner, Baltimore, Md., 5 pen; J. F. Hollis, North Abington, Mass., 3 ckl., 3 pul.; Rock Hill Poultry Farm, 2, 4 ck., 1, 4 hen, 2, 4 ckl., 5 pul., 1, 2 pen; Henry Dipple, Indianapolis, Ind., 5 ckl., 4 pul.

**Silver Wyandottes**—Geo. E. Rice, Charlotte, N. C., 1, 4 pul.; T. W. Burns, Wayne, Pa., 3 pul.; J. A. Muecke, Jr., Kingston, Tenn., 1, 3 ck., 1 hen, 1, 2 ckl., 5 pul.

**Golden Wyandottes**—Newton Nusbaum, Middlebury, Ind., 2, 3 ckl., 3 pul.; J. F. Scholz, Erie, Pa., 5 ck., 4, 5 hen; W. H. McDaniel, Warsaw, Ky., 1, 3 ck., 1 ckl., 2 pul.; Greystone Poultry Yards, Yonkers, N. Y., 4 ck., 2 hen; R. E. Jones, Nashville, Tenn., 2 ck., 1, 2 hen, 1 pen.

**Buff Wyandottes**—Calvin Hicks, Rockville, Md., 1 ck., 2, 4 ckl., 1, 3 hen, 4 pul.; Samuel Ratcliffe, Kingman, Ind., 2 ckl., 3 pul.; Buckhill Poultry Farm, Buckhill Falls, Pa., 1 pul., 3 ckl., 2 hen; Simon Bueth, German Valley, Ill., 1, 3, 5 ckl., 4, 5 hen, 2, 5 pul.

**Black Wyandottes**—Frank C. Sites, N. Dover, O., 1 ck., 1 pul.

**Partridge Wyandottes**—J. D. Payne, Burlington, N. C., 1 ck., 2 ckl., 2 hen, 1, 2 pul.; Henry Kelly, Lexington, Ky., 3 pul.; Sandy Run Poultry Yards, Ellenboro, N. C., 1 hen.

**Columbian Wyandottes**—H. T. Brinser, Manchester, Va., 2 pen; Sturtevant Bros., Kushla, Ala., 1 ck., 5 hen; W. F. Rossman, Columbia City, Ind., 4 pen; J. H. McDaniel, Warsaw, Ky., 1, 4 ckl., 2, 5 hen, 1, 5 pul.; L. C. Parker, Woodbury, N. J., 3 pul.; Sunnybrook Farm, West Orange, N. J., 1 ck., 3 ckl., 1, 3 hen, 1, 3 pen; C. P. Nettleton, Shelton, Conn., 4 pul.; Mrs. T. W. Turner, Baltimore, Md., 2 ckl., 2 pul.; Rock Hill Poultry Farm, Ossining, N. Y., 5 pul.; E. L. McGregor, Burgettston, Pa., 4 hen.

**Single Comb Rhode Island Reds**—Geo. W. Tracey, Kenderhook, N. Y., 5 ck., 1, 5 hen, 2 ckl.; Philip Caswell, Newport, R. I., 1, 2, 4 ck., 4 hen, 3 ckl.; J. E. Schutte, Lebanon, S. D., 3 pen; J. W. Schiebel, Duryea, Pa., 1, 3 pul., 1, 2 pen; H. B. Lansden, Manchester, Tenn., 5 ckl., 2 hen, 2, 5 pul.; Frank Langford, Nashville, Tenn., 3 ck., 3 hen, 1, 4 ckl., 4 pul.

**Rose Comb Rhode Island Reds**—Kaufman & Windham, Nutley, N. J., 4 ck., 1 pen; H. C. Moller & Son, Louisville, Ky., 3, 4 pul.; Louis Anderson, Bloomsburg, N. J., 2 ckl., 1 pul.; P. R. Brooks, Black Creek, N. C., 3, 5 ckl.; Annesley M. Anderson, Morton, Pa., 1 ck., 1 hen, 5 pul., 2 pen; Geo. W. Tracey, Kenderhook, N. Y., 2 hen; Philip Caswell, Newport, R. I., 2, 5 ck., 4, 5 hen, 2 pul.; Wm. L. Saunders, Durham, N. C., 4 ck.; Sandy Creek Poultry Farm, Pittsburg, Pa., 3 ck., 3 hen, 3 pen.

**Light Brahmas**—C. P. Nettleton, Shelton, Conn., 1 ck., 1, 3, 4, 5 hen, 1, 2, 3, 4 ckl., 1, 2, 3, 4 pul.; E. J. Parker, Thorntown, Ind., 2 ck., 2 hen, 5 ckl., 5 pul., 1 pen.

**Buff Cochins**—Thos. Curry, Anderson, Ind., 1, 3 ck., 1, 2 ckl., 1 hen, 1, 3 pul.; Gilmour L. Mayne, Heuvelton, N. Y., 2 ck., 4 hen; Mrs. C. H. Dugdale, Roanoke, Va., 4, 5 ckl., 3 hen, 1 pen; Louis P. Graham, Glenolden, Pa., 4 ck., 2 hen, 3 ckl., 2 pul.

**Partridge Cochins**—J. D. Merrill, Waterbury, Conn., 1 ck., 1 hen, 1 pul.; **Black Langshans**—Mrs. Robert W. Holland, Belair, Md., 3 hen, 4 ckl.; W. H. Cochran, Bristol, Va., 1 ck., 1 ckl., 1, 2 hen, 2, 3 pul.; T. C. Adams, Bristol, Va., 2 ckl., 4, 5 pul.; Mamie Avery, Martinsville, Ind., 2 ckl., 1 pul.

**White Langshans**—Mamie Avery, 1, 2 ckl., 1 hen, 1, 2, 3 pul., 1 pen.

**Single Comb Brown Leghorn**—Sophia C. Pitchlynn, Washington, D. C., 4 hen, 3 pul.; Ralph W. Moyer, Orwigsburg, Pa., 2 ckl.; Forbes Poultry Yards, New Decatur, Ala., 1 ck., 5 ckl., 5 pen; J. Wallace Snelling, Manchester, Va., 4 ckl.; Sturtevant Bros., Kushla, Ala., 3 pen; I. Davenport Williams, Richmond, Va., 4 pen; Grove Hill Poultry Yards, Waltham, Mass., 2, 3, 5 ck., 1, 3, 5 hen, 1, 3 ckl., 1, 2, 4, 5 pul.; 1 pen; E. J. Stuckmeyer, Indianapolis, Ind., 2 pen; Andrew J. Warren, Richmond, Va., 4 ck., 2 hen.

**Rose Comb Brown Leghorns**—S. M. Ratcliffe, Kingham, Ind., 2 ckl., 2 pul.; Albert Yoder, Munhall, Pa., 1 ckl., 1 pul.

**Single Comb White Leghorns**—Samuel S. Stansbury, Richmond, Va., 3, 5 pul., 2, 3 hen, 3 ckl.; Pine Top Poultry Farm, Hartford, N. Y., 5 ck., 2 pul., 4 pen; Deepdale Poultry Farm, Great Neck, L. I., 1, 4 ck.; Glenolden Poultry Yards, Glenolden, Pa., 4 hen; Sandy Creek Poultry Farm, Pittsburg, Pa., 1 ckl.; Rock Hill Poultry Farm, Ossining, N. Y., 2, 3 ck., 1, 5 hen, 2, 4 ckl.; 1, 4 pul., 1, 2, 3, 5 pen.

**Rose Comb White Leghorns**—John J. Peters, Lincoln, Ill., 2 ck., 1 ckl., 3 hen, 1 pul.; Clarence Hewes, Indianapolis, Ind., 1 ck., 1, 2 hen, 2 ckl., 2, 3, 4 pul., 1 pen.

**Single Comb Buff Leghorns**—B. S. Beuerlein, Mt. Morris, N. Y., 1 ck., 1, 4 hen, 1, 4 ckl., 1 pul., 1 pen; A. B. Cox, Rochester, N. Y., 2, 3 hen, 2, 3 ckl.

**Rose Comb Buff Leghorns**—Pool Bros., Fallston, N. C., 1 ckl., 1 pul.

**Single Comb Black Minorcas**—J. Norman Bowen, Manchester, Va., 3 ck., 2, 3, 5 ckl., 2, 4 hen, 1, 2 pul., 2, 3, 4 pen; J. Wallace Snelling, Manchester, Va., 1 ck., 3 hen, 2 ck.; Greystone Poultry Yards, Yonkers, N. Y., 1 ck., 3 pul., 1 pen; Sandy Run Poultry Farm, Ellenboro, N. C., 1 hen, 4 ckl.

**Rose Comb Black Minorcas**—Floyd C. Mishler, N. Manchester, Ind., 1, 2, 3 ck., 2, 4, 5 hen, 2, 4, 5 ckl., 1, 2, 3 pul., 1, 3 pen; G. A. Clark, Seymour, Ind., 4, 5 ck., 1, 3 hen, 1, 3 ckl., 4, 5 pul., 2 pen.

**Single Comb Buff Orpingtons**—O. A. Muse, Decatur, Ga., 1 ck., 2, 4, 5 hen, 5 pul., 1 ckl., 1, 2 pen; O. A. Bogardus, Warsaw, Ky., 3 hen, 4 ckl.; C. E. Vass, Washington, N. J., 1 hen; C. E. Gibbs, Mt. Vernon, Va., 3 pen; R. J. Kincley, York, Pa., 3 ck.; Sandy Hill Poultry Farm, Pittsburg, Pa., 2 ck., 1, 3, 4 pul., 3 ckl., 4 pen; William H. Moore, Chadsford, Pa., 5 ckl., 2 pul.; George W. Sweeting, Sharon, Md., 2 ckl.; R. A. Bennett, Nashville, Tenn., 5 pen.

**Single Comb Black Orpingtons**—O. A. Bogardus, Warsaw, Ky., 2 ck., 2, 3, 5 ckl., 1, 5 pul.; H. L. Mapes, Mt. Lebanon, Pa., 2, 3, 4 hen, 4 ckl., 1 pen, 3 pul.; C. S. Byers, Hazelrigg, Ind., 1 ck., 1 ckl.; Claude



Red Feather, R. I. Red Cockerel, 2nd prize at State Fair, Nashville, 1907, from the Park Poultry Pens.

L. Preston, Houvelton, N. Y., 3 ck.; J. S. Haupt & Co., Easton, Pa., 1 hen; C. E. Vass, Washington, N. J., 4 pul.

**Single Comb White Orpingtons**—Ernest Rellersdass, Kansas City, Mo., 1, 2 ck., 1, 2, 4 hen, 2, 3, 5 ckl., 1, 2, 4 pul.; Frank S. Bullington, Richmond, Va., 1 ckl., 3 hen, 1 pul.; C. E. Vass, Washington, N. J., 4 ckl., 5 pul.

**Rose Comb Buff Orpingtons**—C. E. Vass, Washington, N. J., 1 ck., 1 hen; J. S. Haupt & Son, Easton, Pa., 2 hen.

**Rose Comb White Orpingtons**—J. S. Haupt, Easton, Pa., 1 hen.

**Houdans**—Oscar Wolf, Minneapolis, Minn., 1, 2 ck., 1, 2 hen, 1 ckl., 1 pul.

**Cornish Indian Games**—R. B. Reider, Middletown, Pa., 1 hen, 1, 2 ckl., 1 pul.; R. B. Fraser, Portsmouth, Va., 1 pen.

**Blue Andalusians**—A. N. Brown, Woodbury, Tenn., 3 ckl., 4, 5 pul.; V. H. Council, Warrenton, Va., 1 ckl., 1 hen, 1, 2 pul.; Dr. Louis A. Witney, Greenville, Miss., 2, 3 pul.

**White Faced Black Spanish**—A. N. Brown, Woodbury, Tenn., 1 ckl., 1, 2 pul.

**Mottled Anconas**—Frank W. Maine, Morris Plains, N. J., 1 pul.

**Lakenwelders**—Blue Blood Poultry Farm, Charlotte, N. C., 1 ck., 1, 2 ckl., 1, 2, 3, 4 hen, 1, 2, 3, 4 pul., 1, 2 pen and Corno Cup.

**Black Sumatras**—Robbins & Jeffery, Raleigh, N. C., 1, 2 ckl.

**English Salmon Faverolles**—Harry S. Morgan, White Station, Ky., 1 ck., 1, 2, 3 hens.

**Rhode Island Blues**—Alfred R. Robinson, Fall River, Mass., 1 ck., 1 pul.

**Buckeyes**—Eugene Cowles, Shelbyville, Ky., 1 ckl., 1, 2 pul.

**Pit Games**—Deepdale Poultry Farm, Great Neck, L. I., 1, 2 ck., 1, 2 hen, 1, 2, 3, 4 ckl., 1, 2 pul.

Continued on page 176



## EAST TENNESSEE SHOW NEWS AND SUGGESTIONS

WRITTEN FOR THE INDUSTRIOUS HEN BY D. M. OWEN.



**I**HAVE just returned from the fair at Morristown, Tenn. The poultry department was a success in every way. The veteran J. A. Dinwiddie, was superintendent, and he had the poultry well arranged, and all ready for inspection and judging early on the first day. Most every variety was represented—the White Wyandottes, Rhode Island Reds and Buff Orpingtons being specially strong in representation. I was quite surprised to find at this, my first show of the season, many specimens fully developed and in good shape for scoring. It showed what breeders could do in the way of getting out early birds for early shows. I noticed THE INDUSTRIOUS HEN's agent on the grounds and he seemed to be doing a good business in the way of taking subscriptions and advertisements. I hope the same interest will be manifest at all the other fairs in East Tennessee in the poultry department. It was very evident that the extensive circulation of THE HEN in the vicinity of Morristown had much to do with the interest taken in fine poultry and the good display made.

New Market and Cleveland, Tenn., will each hold a regular poultry show in December; at each place I am expecting to find a fine exhibit. Experienced poultrymen are in charge of both the New Market and Cleveland shows. At Cleveland we expect to meet with one of the largest and best exhibits of the season. There are many fanciers at Cleveland and everything is done on the square at their shows. All lower East Tennessee should turn out to the Cleveland show. By showing your stock at these shows you will be much better prepared to enter the great wind-up central show at Market Hall, Knoxville. Get yourself in good shape for Knoxville. You are going to see one of the best shows ever pulled off in the South at Knoxville this season. The Brown Leghorn Club of America will meet at this show. The White Leghorn cups for the State of Tennessee will be awarded at Knoxville. Noted poultrymen from all over the country will be in attendance. It will take the best to win at Knoxville, but the prizes there will be worth contending for. Prizes won at Knoxville this season will be of much value. I wish to suggest here to those who intend exhibiting at the different shows: send in your entries early, and be sure to send your birds in time so they will reach the show room before time for receiving birds closes. If breeders will do their duty in this respect they will thus aid the show management in getting all exhibits properly placed before the show opens, and prevent errors that often occur in placing exhibits that come in late. Exhibitors will find less to complain of from the show management if they will do their duty by reading and strictly complying with the rules and regulations of the

Association where they are exhibiting. And I would suggest to show managements that they this season live strictly up to their rules. If you advertise that the entries will close on a certain day at a certain hour, close them at that time, and return all that come in after that time has expired. Do not receive exhibits that arrive after your time for closing arrives. Let both exhibitors and show managers understand that the rules and regulations are not made to be broken at



THE INDUSTRIOUS HEN'S SILVER LOVING CUP.

This beautiful cup will be given at the Knoxville Show, January 7 to 11, 1908, for the best general exhibit, best exhibit in American class, and best exhibit in Mediterranean class—three cups. First prize counts 4 points, second 3, third 2, fourth 1. One will be offered at Nashville, January 6, for the best exhibit at the show; one at Bristol for best display of any one variety; one at Rantoul, Ill., and several other places.

will. Let each live up to them and troubles and complaints will be fewer. I have attended shows at which the exhibits of old experienced breeders would arrive a day late; they knew the rules would not be enforced. Now let each Association state explicitly that the rules will be strictly enforced as to time of closing entries and time for receiving birds.

## IMPROVE OUR SHOWS

WRITTEN FOR THE INDUSTRIOUS HEN BY A. J. LAWSON

**L**ET us try to improve the management of some of our poultry shows this winter. I say "some" of our poultry shows, because there is little room for improvement in some of them. I don't think I am a chronic kicker. I have been an exhibitor of fancy poultry for eight years, and last winter I sent to one of the poorest managed shows I ever exhibited at, in one respect; that was getting the birds back home. I know this was one of the largest shows ever held in the South, and must have some allowance made, but there was no excuse for my birds being five days getting home after the close of the show, and they were starved almost to death, and my best S. C. White Leghorn pullet, valued at \$50 (the one they failed to score) died in a few hours after she came home; did all we could to revive her, but all efforts failed. I went to the express company about it and they traced and found they were only in their hands 24 hours from the time of receipt to delivery of same. Then I wanted the Association to pay me \$25, but they refused.

Now, if our show this year is so large that the regular express cars can't get the birds away on time, we will pay for an extra car before keeping birds cooped up for ten to

fifteen days. I am in favor of every poultry show in this country receiving exhibits as late as Tuesday and send them all out on Friday. One fellow said "Our show is too large; we cannot do that." But, here: If your show is so large, get so much more help. You know it is said that "much help makes much lighter work." So the management ought to look after this part of it, and have workers enough and judges enough to get the work done on time.

Now a few words as to our plans for the Cleveland poultry show, December 17-19, 1907. Judging begins at noon Tuesday, and birds will be received as late as 6 p. m. Tuesday, the 17th. Then we close at 4 p. m. Thursday, and all birds will be put on the cars between the hours of 5 p. m. Thursday and 1 p. m. Friday, and we will have a trustworthy man at the depot to water and feed birds. The last thing before they go into the express cars, all fowls will be fed and watered, have hard grit, etc., just as we do our own birds when we have them cooped up at home.

Now, if these rules are carried out and don't bring about an improvement in the management of poultry shows every place they are carried out, you just write and tell Lawson he was mistaken.



## McCULLOUGH'S POULTRY POINTERS

WRITTEN FOR THE INDUSTRIOUS HEN BY PLUMMER McCULLOUGH

**O**UR fair is over. It proved to be one of the best poultry shows ever held in connection with our county fair. Something over fifteen hundred birds were shown. The quality was very good. Nearly every standard variety was exhibited and the show was a success in general. White Rocks led in numbers, with White Wyandottes a close second. Some very good Leghorns were shown that would not be out of place in Madison Square Garden. Columbian Wyandottes were not a large class, but attracted a great deal of attention. The quality was good. We had a judge of national reputation and everyone seemed pleased. The only trouble with fall shows is that the birds are usually in bad feather, thus making judging much harder. There were some good sales made, and if nothing happens and we are spared for another year, we will have a show better than ever. Crops are not as good as usual this year. The corn crop is almost a failure. Oats is not good; buckwheat only fair, but wheat is a good crop. The summer just past was cold and corn did not start off well. While the frost stayed off well, it did not stay off long enough to ripen all the corn. Our first frost came October 1. We usually have frost by September 15. We then had another heavy frost October 6 which put the finishing touch on the corn, etc. The only thing to do was to cut it, which all farmers did. Wheat is worth \$1 per bushel; oats, 60 cents; shelled corn, 60 cents; buckwheat, 75 cents. So you see that chicken feed is a little high. Poultry, like other crops, was late. There are a great many late hatched chicks this year. We notice that many breeders are offering July hatched chicks at \$1.00 each. These will be small, yet for any one who has the feed to develop them out they would be a good investment. These late hatched birds are just as likely to develop into winners as any and may be worth from \$5.00 to \$10.00 or more when matured. Don't misunderstand me to advocate buying cheap stock. Far from it. I don't believe it pays to buy from the cheapest man. We al-

ways found cheap stock to be a poor investment. The amount of stock that will be sold this fall will be surprising. Don't be afraid of getting beat. Buy from men who guarantee satisfaction or your money back. You nearly always get all you pay for and more too. Don't expect too much for your money. Some customers are unreasonable. They order a \$5.00 bird and expect a \$10.00 one. They always get left and it serves them right. In buying stock remember that breeding amounts to something. A fowl that's bred right is worth a dozen that are uncertain.

Breeders should use care in shipping stock and if they go any distance food and water should always be supplied. Now, what about those early pullets that you expect to supply you with your winter eggs. Are you going to let them roost out in the trees until the snow flies? If you have not yet done so, get them into their winter quarters at once. I hope you have that pane of glass mended and that hole in the roof patched and that crack stopped up. Still keep on fighting lice! Let them know that they are not a welcome guest.

Now there will be several shows held within a few miles of nearly every breeder and he should make it his business to attend them. Go in person if you can and if you can not, send your birds. They will not win at home. This helps the poultry industry and helps you too. I would advise every one that is intending to purchase stock to do so at once. Stock can be bought much cheaper now than they can a month or two later. Nothing is gained by waiting so long to buy stock and much is lost. If you wait too long you get the tail end. The best is gone and you take what's left. Buy early and you will get what you want.

Don't turn out your stock that you have bought with your own for a few days at least. See that there is no disease and also be careful about feeding stock after being shipped. Don't stuff them. Many a bird has been ruined just this way. A few feeds of soft feed will be well for a day or so. Use care and good sound judgment.

## WINTER EGGS

WRITTEN FOR THE INDUSTRIOUS HEN BY MISS WILLIE FIELDS

**A**S every one knows, eggs sell for better prices in winter than in summer. And nearly every one knows the reason. In summer the fowls can get plenty of grass, bugs and fresh air, while in winter the first two factors mentioned are in most cases unsupplied by nature and the last mentioned is often shut off from the birds for one reason or another. Hence the slim supply of eggs on the winter market.

To get eggs in winter is quite a difficult problem with some poultry raisers. With others it is different. If one cares for his or her birds in the correct way, they just can't help laying. But what is the correct way? Ah, that is the question! There are as many answers to said question as there are hues in the rainbow, and they are as varied as the varieties of fowls now on the market. I will give you my method of producing winter eggs, and I feel safe in saying that if followed it will give you good results.

To begin with, get a variety of fowls that lay well in winter. Don't ask one *what* variety to get, for I am afraid that if I answered that question in print, the breeders of all other popular varieties would pronounce me of unsound mind. Well, after fowls come houses. This is another much mooted question. Just get a good tight house, but with plenty of fresh air obtainable at all times, and be sure it is not damp. Don't crowd too many hens in one house; about 20 hens to a good sized house would be a plenty. If you haven't got a scratching shed attached to the roosting and laying room, by all means cover the floor of the latter with straw. At night, after the hens have gone to roost, scatter the morning feed of grain in this litter. In scratching for their feed the hens become warmed up, and go about singing as if it was the middle of April instead of mid-winter. Then during the day they will be going back every now and then to scratch up a few more grains. Feeding in this way is especially advisable if the fowls have to be kept indoors during the day, as it supplies the much-needed exercise.

Now as to the plan of feeding, and the food to be fed, I advocate feeding in the morning as above mentioned, and at night feeding a mash. This mash should be fed warm during the colder weather, but as it grows warmer it may be fed cold. Don't have it sloppy, but wet enough to prevent the dust-like particles from getting into the fowls' nostrils. This is very injurious to the fowls, and in some cases may take a serious turn. The grain to be fed should, of course, be of good quality and free from trash. Bad grain is responsible for many of the evils of poultry. Have green food near the fowls all winter if possible, and the eggs will come faster.

Always keep fresh water before the fowls, and *never* allow it to freeze. Pour out all water that remains in the pan at night, and if the weather is very cold, it is advisable to slightly warm the water before putting it before the hens in the morning. Keep the pans clean and in a place where the fowls cannot scratch litter into them. Watch after your fowls and see to their every want, as in this lies the secret of obtaining winter eggs.

### The Sanborn Method

This is a course of lessons covering the poultry year with suggestions and methods of work for each month, written by Dr. N. W. Sanborn, of Bellingham, Mass., probably one of the best known poultry writers in the country. Dr. Sanborn is noted for the practical value of the articles he writes. He seems to have a peculiar knack of selecting for his subjects, just the things which are valuable and to treat them with rare common sense. This book will be of value to any poultryman, beginner or veteran, but it will appeal particularly to those who wish heavy egg production, and to the breeder of show birds. It's a combination most of us strive for. Dr. Sanborn's book will help. He is also a celebrated breeder of Buff Wyandottes, prize winners at Boston. He won 1st pen and special for best colored male at Boston in 1907. You will find his ad on another page.—T. L. B.





# TURKEY DEPARTMENT

CONDUCTED BY MRS. J. C. SHOFNER, MULBERRY, TENN., TO WHOM INQUIRIES SHOULD BE MADE. ALL QUESTIONS WILL BE ANSWERED IN THIS DEPARTMENT THROUGH THE INDUSTRIOUS HEN.

## Select Your Breeding Stock Early

It is very important to have the best obtainable blood as a beginner, for if one tries to begin on cheap, common fowls he loses a considerable amount of time, before making any reputation as a breeder.

The thing to do is, make up your mind what variety of fowls you want to handle, or fancy most, then select your birds, or put in your order with some reliable breeder, before his flock is picked, and don't be afraid to pay a little more for a fine early bird, for I do not believe in breeding or selling the culls at all as breeders; sell them on the market or kill them and eat them. It may have cost you a nice little sum to raise a flock of birds, but if the mating did not prove satisfactory, and you have a lot of them smaller than they should be, or plumage not correct, do not ship them out to your customers to make your money back; you may lose a great deal more than you have made by selling culls.

I have been a breeder of M. B. turkeys for a number of years, and I always select my best pullets from the best hens the year before; when I say best I mean largest bone, tall, long bodied birds with good bronze hue, the most distinct coloring. Then the next thing I do is to put in my order early with some good breeder that is in the same line of breeding that mine are, and if my hens are deficient in any point, try to find me a tom that is better there, or as good as I can get. By doing this year after year I find that my birds score, at the shows, among the best.

Another thing to do is, advertise what you have. One can raise the very finest birds in the land and unless some one finds it out, it will do you no good, financially. The show room is a good place to advertise, but many times an ad in some good journal reaches the eyes of people at a distance, whereas they would not know many things about you any other way. Always try to please a customer, by sending a good bird. I make it a rule if I haven't what a customer pays for, or wants, I'll return the money before I'll send him something that I know is not worth it. Sometimes a breeder meets up with a customer who is hard to please, and holds the valuation of his money much higher than do others who know what a good bird is. It is oftener a young, inexperienced breeder that really does not know the valuation of the birds. However, I have had but few complainers, in all my wide turkey trade for years. A great many breeders of fowls wait until they sell out themselves before they select, or bring in their breeding stock, if they buy; but my idea is, get them early (if they are chickens), pen where you mean for them to stay, as every time they are moved it confuses them and they do not lay so well, and thereby we lose our early setters. If it is turkeys you want, get them home and know what you can depend on, but do not get any fowls too fat; their eggs will not be of strong fertility, and when a fowl is once fattened for heavy weight it never makes as good a breeder. They should have good range, until laying time, then let madam turkey know she must be accommodating and not to go too far from home or else she will be penned a while every day, until she finds her nest.—Mrs. J. C. Shofner.

## Questions and Answers

If you have a disease called "limber neck" in your turkeys or chickens, what causes it, and what is a remedy? S. F. D.

ANSWER—Limber neck is not contagious from one fowl to another, since the disease comes from eating maggots out of some dead flesh that has putrified. The maggot itself doesn't necessarily cause the poison, but the putrid flesh it comes from causes ptomaine poison, and this poison must be killed or destroyed. I have been successful curing with assafoetida and lard or castor oil and turpentine. I give a pill of assafoetida the size of a bean every hour until five or six doses has been given, then a tablespoonful of lard or castor oil with three or four drops of turpentine in it. Many times a small chicken, mouse or snake, found dead by fowls, will start this disease, then before we are aware, some of these fowls have

died and they are found by other fowls. This keeps it going on sometimes a month—or two. All dead carcasses should be buried deep or burned. If one will observe closely while feeding the fowls, the affected ones can not reach the food, but seem to want it; their eyes look drawn. If these are treated with this treatment they will not get down.

There is an epidemic of liver trouble among the young turkeys in our section, and I would like to know the cause of the disease, a preventive and cure. The turkeys refuse to eat once or twice then die, and a post mortem reveals spotted, diseased livers. B. W. A.

ANSWER—This disease has been very prevalent throughout all turkeydom, this year; many complaints have come to me, that I answer personally. I have had serious experience with this same trouble, and find that the use of epsom salts and soda is very fine to act on liver; this is fed in food to the proportion of one tablespoonful of salts to half as much soda, fed in a mash of meal, or anything they will eat readily. I use this amount of medicine to feed 10 turkeys in 1-2 gallon of food.

To prevent the well ones from taking it, I use a lump of coppers the size of bird's egg in one gallon of water for them to drink early in the morning, put coppers in water the night before and let dissolve; do not let them have any other water; they are feverish and thirsty and will drink.

I have been trying to raise turkeys this year, but have almost given up in despair. I only had fifteen little ones and they did beautifully until large enough to distinguish the toms from the hens. Then they began to droop and in a few days die. They will not eat, the color leaves their heads and the discharge from the bowels is perfectly yellow and very thin.—\*

ANSWER—Your turkeys, I suspect, were lousy, and the lice together with moulting season for young turkeys is a very trying time with them. Young turkeys put on their first feathers, and leave off the down, in four to six weeks; feather making seems to be the trying time in the life of the old as well as the young turkeys. I think lice grow more promiscuously during feather making than at any time in their lives, and I use more dusting powder then than at any time. Keep turks clear of lice, and give plenty of range with an occasional teaspoonful of coppers in feed. They rarely take disease.—Mrs. J. C. Shofner.

## MAMMOTH BRONZE TURKEYS

Prize Winners Wherever Shown.

## Barred Plymouth Rocks

From Prize-Winning Strains.

## OLD AND YOUNG STOCK OF BOTH FOR SALE.

Address

**MRS. W. J. LANDESS**

Route No. 5

Fayetteville, Tenn.

## 1000 BUFF ROCKS

Large, clear, rich, Golden Buff birds. Sired by the noted "King George," Jeffersonville and Louisville winner. Rich under color, clear wing and many free from smoke or peppering in tail.

## GIANT BRONZE TURKEYS

The get of the Great World's Fair 48 pound First Prize Tom.

Booking engagements now for future show dates, score card or comparison, all varieties. Write

**J. C. CLIPP**

Box 36, R. 7,

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## MAMMOTH BRONZE TURKEYS

Sired by State Fair winning Tom. Fine lot of young turkeys for sale.

Barred Plymouth Rocks and White Wyandottes that score high now ready to ship. Address

**R. H. YOUNG, R. 5, WATERTOWN, TENN.**

## BRONZE TURKEYS AND PARTRIDGE WYANDOTTES

Leading Winners at Madison Square Garden, New York, 1907, in the Hottest Competition.

Our catalogue and mating list tells all about our matings and winnings on Partridges and Turkeys. The choicest stock always for sale. Write your wants. We can please you.

**BIRD BROS., Box F, MEYERSDALE, PA.**

## MAMMOTH BRONZE TURKEYS

### B. P. ROCK CHICKENS AND POLAND CHINA HOGS

"Goliath," at 19 months old, weighed 48 lbs., scored 97½ points, won first prize at Nashville show, January, 1906; also two specials for largest fowl in show. I also won 4th hen and 4th pullet, score 95 points. At North Alabama show, December, 1905, I won 1st on yearling cock "Goliath," 2nd on yearling hen, special \$5.00 on pair, 1st on cockerel, 1st on pullet, special \$5.00 on young pair. Goliath heads my flock of breeding females, 1906, six of which are daughters of "Jumbo Jim," the 47 pound, 18 months old tom that won 2nd prize at World's Fair, St. Louis, 1904. I also have 1st and 2nd prize winning pullets at Columbia, Tenn., in my flock. I carry B. P. R. chickens of best prize winning blood—Bradley Bros. and Sid Conger strain direct. Young and old stock for sale. Patronage solicited and everything guaranteed as represented. For further information address

**MRS. J. C. SHOFNER**

**R. F. D. No. 1, Mulberry, Tenn.**





## PIGEONS



CONDUCTED BY C. H. HAKES, LUDLOWVILLE, N. Y.

## The Carneau Pigeon

"On account of its wonderful qualities as a squab producer," says Mr. Winslow, in *The Feather*, "the Carneau is coming into more consideration. This is evidenced by the fact that the different magazines of the world are paying more or less attention to their quality and value as squab producers. Three years ago they were scarcely known in America. An interest being created, they have been carefully tested and proven to be good for the purpose intended.

"As a squab producer it has no superior, having the quality and capacity necessary to convert every ounce of grain possible into fat, juicy, solid flesh. The skin color of the Carneau squab is a beautiful yellow, several degrees lighter than the skin of Homer squabs. This makes them an ideal squab for market purposes, and they present a handsome appearance when dressed.

"When four weeks old they will average each three to seven ounces heavier than Homer squabs of the same age, and when you consider the parents are only a trifle larger than Homers, it will give one an idea of their adaptability for producing squabs.

"As for their breeding qualities, they would rather breed than eat, and as a result they will, in a year's time, turn out 50 per cent. more pounds of squab flesh than Homers. They are a gentle, peaceful bird, not as nervous as the Homer, which I am comparing with freely, as the Homer is so well known. They are very active, full of life and fire, and can dance and strut the neatest of all pigeons. They are hardy, prolific birds that can stand a whole lot of abuse without a protest, and are not affected by captivity, and if you prefer to let them fly at large, will stay at home even if in a new one.

"From a fancier's standpoint they offer great possibilities, as the Belgian standard calls for a clear red, red-and-white splash, and red with white rosette on wings. To hold the beautiful shade of red, a sort of Rufus red, not seen in any other bird, is a trick that can be made very interesting, especially so when taking into consideration its proud carriage, grace of movement, show of strength when on the wing, and slick, handsome appearance when it is bred right.

"The origin of the Carneau is very remote. Whoever originated them has done a good work for the squab producer. Being naturally of a domestic nature and ready and continuous breeders, they may be called blessed by the squab-eating public. They are gradually taking the place that belongs to them of right, and in the near future may contend with the Homer for first place in public favor."

## Awards at Jamestown Poultry Show

Continued from page 172.

Grey—Deepdale Poultry Farm, 1 ck., 1 ckl., 1 pul.

Spangle—Deepdale Poultry Farm, 1 ck., 1 ckl., White Pyle; 1 ck., Red Pyle; 1 ckl., 1 pul., Black Pyle.

Any Other Varieties—Deepdale Poultry Farm, 2, 3 ck., 1, 3 hen, 1, 2 ckl., 1, 2 pul.; J. R. Saunders, Norfolk, Va., 1 ck., 2, 4 hen; Deepdale Poultry Farm, 1 ck., 1 hen, 1 ckl.

Now-Bearded Polish Bantams—E. Henry Galusha, Ensley, Ala., 1 hen, 1 pul.

Black Tail Japanese—E. Henry Galusha, 1 ck., 1 ckl.

White Japanese—E. Henry Galusha, 1 ck., 1 hen.

Rose Comb White Bantams—E. Henry Galusha, 1 hen.

Rose Comb Black Bantams—E. Henry Galusha, 1 ck., 1 hen, 1 ckl., 1 pul.

White Cochon Bantam—Mrs. S. M. Elston, Ossining, N. Y., 1 ckl., 1 pul.

Partridge Cochon Bantam—Louis P. Graham, Glenolden, Pa., 1 ck., 1 hen, 1 ckl., 1 pul.

Buff Cochon Bantams—Louis P. Graham, Glenolden, Pa., 1 hen, 3 ck.; E. Henry Galusha, 3 ck., 4 ckl., 3 hen, 3 pul.; Mrs. E. A. Clark, Ocean Springs, Miss., 5 ckl., 4 pul.

Rock Hill Poultry Farm, 2 ck., 2 hen, 1, 2 ckl., 1, 2 pul., 1 pen; Greystone Poultry Farm, 5 pul., 2 pen.

Silver Seabright Bantams—Frank W. Maines, 1 hen; E. Henry Galusha, 2 hen.

Black Breasted Red Game Bantams—William R. Bowers, Baltimore, Md., 1 ck.

Pekin Ducks—Hayssens Poultry Yards, Chunchula, Ala., 4 ck., 2 ckl., 2 pul.; Thomas and Coates, Catlett, Va., 1 ck., 1, 2, 3 hen, 1 pul.; J. G. Peters, N. Thuro, Mass., 2, 3 ck.

Rouen Ducks—F. D. Baerman, Dunellen, N. J., 1 ck., 1, 2 hen, 1, 2 ckl., 1, 2 pul.

Gray Call Ducks—Harry S. Morgan, White Station, Conn., 1 ck., 1 hen.

Indian Runner Ducks—Harry S. Morgan, 1 ck., 1 ckl., 2 pul.; C. S. Byers, Hazelrigg, Ind., 1 hen, 2 ckl., 1 pul.

White Muscovy Ducks—Hickory Bottom Poultry Farm, Beaver Dam, Va., 1 ck., 1 hen.

Bronze Turkeys—E. L. Doak, Nashville, Tenn., 2 ckl.; Charles Brown, Cartersville, Va., 1 ck., 1 ckl.

White Holland Turkeys—W. V. Thompson, Columbia, Tenn., 1 ck., 1 hen; Hickory Bottom Farm, 2 ck., 2 hen.

Buff Turkeys—Harry Prouty, Cumberland, Ohio, 1 ck., 1, 2 hen, 1 ckl., 1 pul.

Wild Turkeys—R. L. Blanton, Richmond, Va., 1 ck., 1 hen.

White Guineas—Thomas & Coates, Catlett, Va., 1 ckl., 1 pul.

White Fantail Pigeons—William L. Korb, Louisville, Ky., 1, 2 ck., 1, 2 hen, 1, 2 young.

Blue Fantail Pigeons—William L. Korb, 1 hen.

Blue Neck Homers—Charles H. Nye, Richmond, Ind., 1 ck.

## World Famed Nationals

Eggs at half price now from the best blood in America. Winners at the largest shows on the continent. B. P. Rocks, White Wyandottes and Bronze Turkeys. Write for free 8 page circular.

S. B. JOHNSTON

Expert Judge, Route 4, FAIRLAND, IND.

## FOR SALE

## CHOICE BREEDING STOCK

S. C. B. Leghorns, S. C. B. Rocks, M. B. Turkeys, M. Pekin Ducks, Toulouse Geese.

EGGS IN SEASON

GEO. E. PATTON, MORGANTON, N. C.

(Care of Hospital.)

## S. C. RHODE ISLAND REDS

A few fine cockerels from my second prize pen at Knoxville show, January, 1907. A few yearling hens and two cock birds.

MISS ROSE WALLACE, HARRIMAN, TENN.

## Rhode Island Reds

Buy them now, while they are plentiful Over three hundred to select from.

## They All Look Good



We predict that in 4 months there will not be a Red for sale. Remember, our breeders this season were the cream of the South. First at Charleston, Birmingham, Columbia and the great Nashville show were bought by us. We will open your eyes before show season is over. A word to the wise is sufficient.

H. B. Lansden & Son  
Manchester, Tenn.

16 years in the fancy poultry business

S. C. WHITE LEGHORNS  
S. C. BUFF ORPINGTONS  
WHITE WYANDOTTES

For bargain prices in high-scoring old and young stock write to

## White Hill Poultry Farm

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## S. C. RHODE ISLAND REDS

SILVER CUP WINNERS. Special sale of breeding stock begins June 1st. Eggs from prize mating half price after June 1st. Write for prices on stock. Member of National S. C. Rhode Island Red Club.

D. L. DITTO, BRANDENBURG, KY.

## ANOTHER VICTORY

FOR

MILES' UTOPIA BARRED PLYMOUTH ROCKS  
S. C. RHODE ISLAND REDS

At the great Ohio State Fair, September, 1907, one of the largest fall shows in the United States, in one of the largest and best classes of B. P. Rocks and R. I. Reds ever shown, we won four firsts and four seconds, defeating some of the oldest and largest breeders in U. S.

Our winning at Nashville, Tenn., January, 1907; Indianapolis, Ind., February, 1907, is a matter of history, and separate and alone is proof conclusive of their superior quality.

Our winning of the American Cup on B. P. Rocks, at the National Show, Cincinnati, January, 1906—the third time in four years—is a victory unequalled.

A prominent R. I. Red breeder of the South visited my farm the last of August, he having come from the East, where he had visited the yards of some of the most prominent Red breeders of the East; he stated I had the "reddest red birds" he had seen, and he left a fine order for November 1st shipment.

We have the quality and the stock to select from. We can and will please you. Write me at once. We guarantee satisfaction.

## MILES POULTRY FARM

OSCAR E. MILES, Owner.

CAPITAL TRUST BUILDING.

(Please mention this publication.)

COLUMBUS, OHIO.

## HIGH GRADE BUFF WYANDOTTE COCKERELS

and pullets now ready. Good shape, splendid color, tails and wings near perfection. A few good hens for breeding and showing. My 1907 matings "nicked" to perfection. Shall I share my success with you? "Hints for getting good Buffs" for the asking.

DR. N. W. SANBORN, Box H, BELLINGHAM, MASSACHUSETTS

WHEN WRITING TO ADVERTISERS PLEASE MENTION THE INDUSTRIOUS HEN



## BOYS' DEPARTMENT

Address all communications for this Department, or concerning the Boys' National Poultry Club, to ROBERT G. FIELDS, 33 Caruthers Ave., Nashville, Tenn.

Archie E. Vandervort won at New York State Fair on S. P. Wyandottes (only three birds entered by him), 1st hen and 3rd cock. As the competition was very strong, I consider this an excellent showing.

At the Poultry Show of the Tennessee State Fair, Hager Bros. made an excellent showing in Outside Tumblers and Buff Cochins Bantams. Their total winnings were 1st, 2nd, and 3rd. Pairs on Tumbler pigeons, 2nd. Buff Cochins Bantam cock, 3rd. Best display pigeons and best display shown by member of the B. N. P. C. In addition, they bought the 1st prize White Cochins Bantam cock and hen, the cock previously scoring 95 1-2 and the hen 92 1-2 under Marshall.

Watch THE HEN from now on for reports of the winnings of club members who are subscribers to THE INDUSTRIOUS HEN. Each winning made by a member of the Boys' National Poultry Club will be printed in our columns of THE HEN, provided that member is a subscriber. It is not right for us to expect our winnings published and thus advertised as winners to the world, when we are not subscribers to our journal. Come up, boys, all who are not subscribers, and send me just half the regular subscription price, 25 cents, for one year. Remember, no mention will be made of your winnings unless you are a subscriber to THE INDUSTRIOUS HEN.

### Let's Exhibit

I trust that every boy possible will send birds either to the Nashville show, January 6-11, or to the Charlotte, N. C., show, January 17-23, or better still, to both. The B. N. P. C. has offered three handsome ribbons at each of these shows, to be awarded to the boy making the first, second and third best displays. These ribbons are to be competed for only by members of our club who have paid their dues. If you are not a member of our club, send in your fee of 25 cents at once and compete for these valuable specials.

Don't think you cannot win just because you have never exhibited before, but pick out your best birds and after a little cleaning up, send them along. The secretaries of both these shows have the interests of the boys at heart, and you will be sure to receive the proper treatment.

### Cochin Bantams

I have been raising Buff and White Cochins Bantams for about a year, and have had a little experience with them.

The little bantam chicks do not need as much room as the larger chickens; a small yard 10 to 18 feet and a small house is sufficiently large to raise them in.

Any boy can pick up enough lumber around home to build a house for his bantams. Bantams are more delicate than large chickens and require more care than large chickens. They make such good pets and sell for such good prices that raising them is a very profitable business. It is not a very good idea to hatch bantams very early as they do better when the weather is warm. The little chickens are very gentle and easily raised, and will bring you much pleasure and profit.

### Boys' National Poultry Club

The Boys' National Poultry Club will offer two handsome sets of ribbons at two winter shows, said ribbons to be competed for only by paid up members of said club. One set will be offered at Nashville, Tenn., January 6-11, and the other at Charlotte, N. C., January 17-23. For further information regarding the above, see the "Boys' Department" of this issue, or write to Robt. J. Fields, Secretary-Treasurer, 33 Caruthers Ave., Nashville, Tenn.

### Hints

1. Make your coops for spring use this fall, so you will have that much less to do during the busiest season.
2. Put a little copperas in the drinking water. It prevents "cholera."
3. Exhibit at one of the shows where "club ribbons" are offered. See if you can't capture one.
4. All cockerels not intended for breeders or to be sold as breeders should be killed off at once. They are eating up more than they will come to.

### Our Catalogue

The first annual catalogue of the B. N. P. C. will soon go to press and we hope to have a copy of same in the hands of each "paid up" member by the first of January.

Every boy who wishes to have his name or advertisement in this catalogue should pay up his dues at once, or at least before December 1, for after that date neither name nor ad will be taken.

### Questions

- Q.—How many members of the B. N. P. C. breed Black Cochins Bantams? B.  
Ans.—Four.
- Q.—How many breed White Cochins Bantams? C. A.  
Ans.—Three.
- Q.—Where will H. C. Bunch offer his silver cup? G. H.  
Ans.—Undecided.
- Q.—Do the members of the B. N. P. C. have special advertising rates? D. L.  
Ans.—Yes; in THE INDUSTRIOUS HEN. Write for them.

### ROSE COMB RHODE ISLAND REDS EXCLUSIVELY

21 acres and all my care devoted to them. Winners at Elgin and Nunda, Ill., scoring to 94 points. Eggs \$2.00 for 15; \$5.00 for 45; \$10.00 for 100. Choice exhibition birds for sale. Write your wants.

HENRY T. SHANNON, Cary Station, Ill.

### HOUDANS, S. C. B. ORPINGTONS

Highest Egg Record, Highest Scoring Stock


### MAMMOTH TOULOUSE GEES

DR. G. W. TAYLOR, Box B, Orleans, Ind.

**LET ME SHOW YOU**

how easy it is for you to build your own incubators and brooders with my **Free Plans**. I furnish all parts you can't make. Thousands doing it—not a single failure. Send today for my **free Book of Plans and Catalog.**

H. M. SHEER CO.,  
224 Hampshire St., Quincy, Ill.



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The experienced Hunter's and Marksman's Ideal Is a reliable, unerring STEVENS

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Send 4 cents in stamps for 140 Page Illustrated Catalog, including circulars of latest additions to our line. Contains points on shooting, ammunition, the proper care of a firearm, etc., etc. Our attractive Ten Color Lithographed Hanger mailed anywhere for six cents in stamps.

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100 Envelopes, 100 Note Heads and 100 Business Cards, \$1.00 post paid. FREE use full line of Standard Cuts. SAMPLES FREE. W. A. BODE P'T'G. CO., FAIR HAVEN, PENNA.

## WHITE WYANDOTTES BRED TO WIN! BRED TO LAY!



Won at Birmingham, Ala. Dec., 1906; 1st Pen, 1st Cockerel, 2nd Cockerel (tied), 2nd Pullet, 5th Cock, Silver Cup, and three specials. At Nashville, January, 1907: 1st and 2nd Pullets, 1st Hen (tied), 2nd Cockerel, 2nd Pen, Ivory Soap Cup and three specials. Eggs \$1.50 per 15.

B. A. HASTINGS, Box 24, GALLATIN, TENN.

## SHAW ROCKS Are Surest

The winners at the hottest White Rock shows last season were "Shaw" birds. We can furnish the evidence. "Be sure you're right, then go ahead." If you are not sure, then get some "Shaw" birds and breed winners yourself. Or we can furnish you exhibition birds to win in the best shows this season. We have bred winners at Chicago, Indianapolis, Kentucky, Tennessee, Illinois, Kansas and Missouri State shows; not mentioning a whole host of others. We hold the world's record pen score on White Rocks; 192 points in competition. Write us your wants.

### WABASH POULTRY FARM

F. L. Shaw, Mgr.

PALESTINE, ILL.

LICENSED POULTRY JUDGE



## NUT CULTURE

This department is conducted by Mr. Fred S. Dawson, Starke, Fla., to whom all communications should be addressed.

### The Growing of Nuts

From letters received by the department of agriculture it appears that there is a growing interest in the cultivation of fruit nuts. The market is never glutted with fruit nuts; the demand is always on the increase, and prices are very remunerative. It is a matter of wonder that our farmers did not long ago turn more to this crop for increasing their revenues. There is hardly a section of the country that is not adapted to the growing of some nut trees. There is not a farmer in any of the Middle West states that cannot, from nut trees, pay all the taxes and insurance and have a surplus. It requires but little labor to gather the nuts and prepare them for market, and they are readily saleable anywhere. To make farming as profitable as it should be, it is necessary to make every available part bear its full share in producing something demanded in the markets, and the farmer that does this proves the most successful and need have no fear of mortgages or debts. It requires but little study, of soil and climate, for a farmer to determine what nut fruits he can raise the most advantageously.

Take the pecan. It will grow on all the rich alluvial bottom lands of the Southern states and wherever the hickory will grow, and a pecan tree will come in bearing in seven years, and in a few years thereafter produce a profitable yield. It is a long-lived tree, valuable for its timber as well as its fruits. A full bearing orchard fifteen or twenty years old will bring more profit than twice the same area in cotton, and require no labor except a few days of the year to gather the crop, while it commands a ready sale at good prices in any market. An orchard of the common black walnut of a hundred trees would annually bring in from \$1 to \$2 for every tree, and the hundred trees could be grown in out of the way places, and the crop could be gathered in a few hours. Can a farmer produce money any more easily? What is true of the pecan and the common black walnut is true, in a greater degree, of chestnuts and English walnuts.—*Farmers' Weekly News-Scimitar.*

### Everybody Raising Peanuts

It has been discovered that almost every farmer in the vicinity of Anadarko, Okla., has raised a crop of peanuts this year. These were raised as a sort of side issue and not as a regular crop. No especial interest was taken in the enterprise, but it has developed that the yield is enormous and but little work was given to cultivation. Some farmers had as many as 75 bushels in a very small field and are selling their peanuts at a dollar a bushel. It is stated that more attention will be given to this crop next year.—*Gainesville Messenger.*

### Grow Some Peanuts

I would urge the readers of *The Journal of Agriculture* to plant a few peanuts next year. A half gallon of the Virginia peanuts will shell out about 100 kernels. One hundred hills, with two plants to the hill, yielded one bushel for me.

On one-half my garden, or a plot of ground 40x100 feet, I raised twelve bushels of good nuts. This was on clay land, where the soil is inclined to pack, too. In this locality I find that the Spanish peanut ripens more uniformly and is easier to dig than the Virginia peanut. The Spanish variety is richer in oil and more palatable to eat raw, which is the only way I like to eat them. The owner of the peanut roaster will not take them, but will take the Virginia variety; or such has been my experience.

Peanuts contain more nutriment, pound for pound, than beefsteak. They should be eaten raw to get the full benefit of them, as the process of roasting causes a chemical change to take place in them. If they taste like raw beans, try eating a few with salt until you acquire a liking for them.

A doctor in the South, where "goobers" are so extensively raised, says that he never knew of a case of croup or throat trouble among the children, or quinsy among the porkers, where they all had free access to raw peanuts.

Up-to-date farmers buy new seed peanuts and pay a good price for them. Ask your local dealer to order a peck or half bushel of peanut seed for you next spring. It may be well to try some of each variety, to test which is best in your locality. You can dispose of all the crop you have to spare after supplying your family with an abundance.

It is a puzzle to me why country children

are forced to depend on the peanut vender for their share of this excellent, toothsome and healthful product. Two or three bushels could and would be consumed each year in a family where there are as many as two or three healthy children, and would be so much better for them than chewing-gum and candies.

I have said nothing in regard to their value as a feed for young chicks, but I consider them an ideal food for them.

When some genius invents a machine for shelling peanuts without crushing the hulls and mixing them up with the kernels, then "peanut meal" will take the place of beef scraps for chicks. I have experimented with feeding peanuts and found them excellent food.

MISS ANNIE HOFFARTH.

### United States Foreign Nut Trade

There were imported into the United States from July 1, 1904, to June 30, 1905, 11,745,081 pounds of almonds, valued at \$1,520,063, and 21,864,164 pounds of walnuts, valued at \$1,469,463. During the same period, nuts to the value of \$309,195 were exported. The almond importations have increased 1,906,229 pounds, while the walnuts have decreased 1,806,657 pounds. The importations were probably limited by the amounts which could be secured, though there has been a considerable increase in the amount of all kinds of nuts produced at home. At the same time, the consumption of nuts and nut-products is greater than ever.—*American Fruit and Nut Journal.*

### "Peek's Pecan Circular"

Send for free copy. Hartwell Pecan Nurseries, Hartwell, Ga. Established in 1882.

### "A Short Talk on Pecans."

Starke Pecan Nurseries, Starke, Fla. Write a postal card for it.

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SMITH SEALED	DOUBLE CLINCH	ECLIPSE	OPEN PIGEON	SEAMLESS PIGEON

**LEG BANDS**  
Made on honor from heavy stock; well finished, and with plain numbers.  
CLIMAX—12, 15c; 25, 30c; 50, 45c; 100, 75c.  
Sealed and Seamless Pigeon—12, 30c; 25, 50c; 60, \$1.00; 100, \$1.50.  
Clinch, Eclipse and Open Pigeon—12, 15c; 25, 25c; 50, 40c; 100, 65c. Patches—25c each. Circular and samples of bands for stamp.

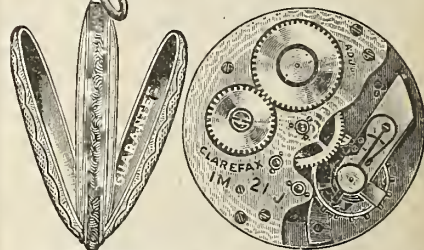
**The Keyes-Davis Co., Ltd.**  
Dept. 516 Battle Creek, Mich.

**BUFF LEGHORN** cockerels of the finest breeding from \$2 to \$5. At the big Indiana State Fair just closed I won more premiums than any other breeder in class. My first prize Cockerel was pronounced a jewel. I was awarded 169 premiums during '05, '06 and '07. *Hurt will please you.*

Peter S. Hurt, Box 404, Thorntown, Ind.

**ONLY THE BEST BROWN LEGHORNS**  
Males with best stripe in hackle and saddle; females with pencilling and color that wins. 50 First Prizes won. Eggs from these winners reasonable. Circular showing Chicago, Boston, Madison Sq. Garden winners, free.  
W. H. WIEBKE, Box C-2001, Ft. Wayne, Ind.

This \$20 Watch for \$5.45



These figures tell exactly what we are doing—selling a \$20.00 watch for \$5.45. We don't claim that this is a \$40.00 watch or a \$50.00 watch, but it is a \$20.00 watch. A leading watch manufacturer, being hard pressed for ready cash, recently sold us 100,000 watches—watches actually built to retail at \$20.00. There is no doubt that we could wholesale these to dealers for \$12.00 or \$13.00, but this would involve a great amount of labor, time and expense. In the end our profit would be little more than it is at selling the watch direct to the consumer at \$5.45. This *Clarefay Watch*, which we offer at \$5.45 is a rubied jeweled, finely balanced and perfectly adjusted movement. It has specially selected jewels, dust band, patent regulator, enameled dial, jeweled compensation balance, double hunting case, genuine gold-laid and handsomely engraved. Each watch is thoroughly timed, tested and regulated before leaving the factory and both the case and movement are guaranteed for 20 years.

Send us your name, post-office address, and nearest express office and name of this paper. Tell us whether you want a ladies' or gents' watch and we will send the watch to your express office at once. If it satisfies you, after a careful examination, pay the express agent \$5.45 and express charges and the watch is yours, but if it doesn't please you return it to us at our expense.

A 20-Year guarantee will be placed in the front case of the watch we send you and to the first 10,000 customers we will send a beautiful gold-laid watch chain, free. We refer to the First National Bank of Chicago, Capital \$10,000,000.

NATIONAL CONSOLIDATED WATCH CO.  
Dept. 6S3, CHICAGO.

**S. C. RHODE ISLAND REDS**  
Fine Grade Cockerels \$1.00.

Wrs. R. O. LAMAR,  
Pulaski, - - - Tenn.

**For Sale**

A few White Wyandotte Cockerels at \$1 each.

Mrs. J. H. Stephens  
Niota, - - - Tennessee

**BUFF ORPINGTONS**  
I have hatched some sons and daughters of First Cock and First Pen Madison Square this year. Can spare a few good ones at reasonable prices.  
H. H. KINGSTON, JR.,  
Brighton P. O. ROCHESTER, N. Y.

**DIPPLE'S WHITE WYANDOTTES**

World's Winning Kind, Make a Killing at the Great Indiana State Fair, Sept., 1907.

Look up the records on this popular variety for the past five years at this, the greatest White Wyandotte show of the Midwest, and you will find that no two breeders combined ever equalled my record of 1907. 1st and 2d cock, 1st and 3d hen, 1st and 3d cockerel, 1st pullet and 1st and 2d pen. No display of White Wyandottes ever attracted more attention or favorable comments than my exhibit. If you want quality I have them. STRICTLY FANCY SHOW BIRDS MY SPECIALTY.

**HENRY C. DIPPLE**

Farm, Broad Ripple, Ind.

City Address, 114 N. Delaware St., Indianapolis, Ind.



**Fruit and Ornamental Trees**  
of Any Description  
**PECANS OUR SPECIALTY**

Illustrated and descriptive catalogue free if you mention this paper. Write now.  
**ARCADIA NURSERIES, J. H. Girardeau, Jr., Mgr., MONTICELLO, FLA.**



## THE HONEY BEE

This department is edited by Mr. G. M. Bentley, University of Tennessee, Knoxville, who will answer questions referred to him. Persons desiring reply by mail must enclose 2c stamp.

### What to Do in Tennessee in October

See that the hives have at least 30 pounds of honey and that the colonies are strong. If the bees have stopped gathering honey from the fall flowers and their stores are short, feed them now. During some warm day open the hives and examine the bees and their stores carefully. When the last inspection has been made and the bees are ready to be closed up

it that only the best honey, carefully graded, is sold under this name.

The old style of "gum" is one of the greatest checks I know of for the advancement of bee keeping. Due to variable climatic and local conditions, it has now become almost impossible to keep bees successfully in the old-fashion log or box hive. It is necessary to examine your bees from time to time. This



A Well Arranged Apiary.

for the winter, I have found that a few layers of newspaper, placed beneath the cover, aids in making the cover fit tightly; also helps to absorb surplus moisture in the hive. If the covers are light in weight they should be weighted down by means of a brick or stone. As a general thing, the honey yield this year was scarce in Tennessee. This is chiefly attributed to the cold weather in the spring, which weakened the colonies and killed much brood; a second cause is the extended dry weather during the summer. Many colonies have not stored enough honey for the winter and should be fed this month.

Success in keeping bees is based upon the knowledge one has of bees. A bee master does the right thing at the right time. The chief factor is a strong colony, which in turn means no moth injuries and surplus honey.

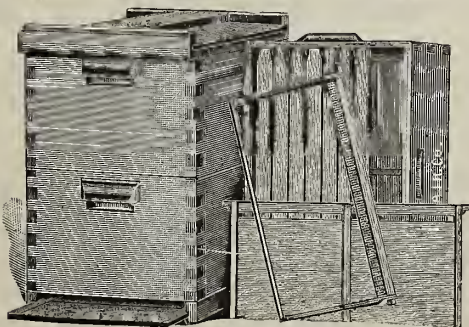
The best prices for honey can be obtained only when the apiary has a name, or the honey is named, and care is taken to see to

can only be done when the colonies are housed in the modern hive. Abandon the "gum" and keep your bees according to twentieth century methods.

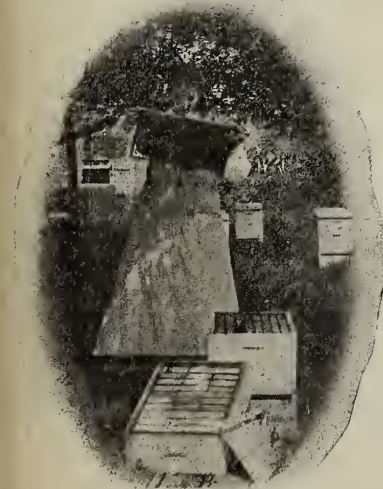
### Why Use the Old Beegum?

Written for The Industrious Hen.

There are many people who keep from two to six stands of bees in the old box hive that would adopt the modern hive if they were sure it would pay for time of transferring and necessary expense of hives. That the bees will pay under "new methods," anyone who has tried it will testify. To those who would like to try the "new method" and do not know how to make the start, this letter is intended. First, I would suggest that they subscribe for one or two good bee journals, such as *Gleanings in Bee Culture* or the *American Bee Journal*. Also get a copy of *A. B. C. in Bee Culture*. This is a hand-book and intended to explain minutely just how the different operations of caring for the bees may be performed. It explains how to transfer, how to find the queen, how to make swarms, how to destroy the weevil, etc. These operations are explained in such a way that anyone can understand and learn to perform them. The next thing is to select and procure suitable hives. The beginner should never think of making his own hives. Let him order five stands of a standard make, the manufacturers crate five stands together, and the freight will not be any more on five than on one. After using these hives one season, if he can make others like them, good and well; but do not try to change the



A Modern Hive, showing parts.



Examining the Colonies.

pattern. I think, after trying these shop-made hives, you will be satisfied to pay the manufacturer his price rather than make them.

Now, about the kind of hive for the beginner to adopt. Most beginners think they want to produce comb-honey in pound sections. I would recommend a super with frames instead of sections. The catalogues are just a little misleading when they state that this hive is for extracted honey. The honey from these hives is just as nice as section honey. The bees work in these frames better than in sections. It does not take as much time to prepare the frame super as it does the section super. The frame super will hold more honey than the section super. There are not many beginners that will succeed in getting sections nicely filled out. So I say adopt a super with frames.

Now you have your hives and book of instructions; you will also need a veil and gloves, also a smoker. Now, after reading the instructions, you can transfer a swarm. It is not as difficult an operation as a novice would expect; and you can succeed. Try it. After your bees are transferred you will have more confidence to try other operations. And you can soon be a successful "bee man." But a word of caution: Don't try to increase too fast. This is where many, indeed I might say most all, beginners make a serious mistake. They divide their bees until the swarms are weak, and then the bee moth destroys them. Remember you can not increase fast and produce honey at the same time. So manage that every hive will just be running over with bees. Then you can expect a good honey crop and a reasonable increase also.

How much honey and increase to expect is usually asked. I will say 25 pounds comb honey and nearly 100 per cent increase. This is a very conservative estimate. One stand of bees has been known to produce 100 pounds of honey during a season. Of one thing you can be assured: If you give bees good attention they will pay well and you will enjoy the work.

CHAS. M. SMITH.

## See Our Catalogue

Before Getting Your

## Incubator, Brooder,

## FEEDS

OR

## POULTRY SUPPLIES

WRITE TO

## Standard Poultry Supply Co.

2630 Jackson Ave.

## NEW ORLEANS, LA.

## Closing Out Sale

Not disgruntled, but on account of the press of other business and bad health I am forced to let my beauties go. Partridge, Silver Pencilled, Golden Buff Wyandottes; Buff Rocks and Light Brahmas; Bantams. Three incubators and three brooders. One Humphreys Bone Cutter. All must go. Send in your order quick.

**Partridge Wyandotte Park**  
Burlington, N. C.

PLEASE MENTION THE INDUSTRIOUS HEN



## VETERINARY

By M. JACOB, V. M. D.

Advice through this department is free to our subscribers. Will include all domestic animals. Communications should state history and symptoms of the case in full, name and address of the writer. In publishing, initials only will be used.

### Treatment for Bloat

This disease is characterized by swelling of the left flank, and is caused by the formation of gas in the paunch. If the case is not extreme it may be sufficient to drive the animal at a walk for a quarter of a mile an hour, or cold water by the bucketful may be thrown against the cow's sides. In some cases the following simple treatment is successful:

A rope or a twisted straw band is coated with pine tar, wagon grease or other unsavory substance, and is placed in the cow's mouth as a bit, being secured by tying behind the horns. The efforts of the animal to dislodge this object results in movements of the tongue, jaws and throat that stimulate the secretion of saliva and swallowing, thus opening the esophagus, which permits the exit of gas, says the *New York Farmer*.

In urgent cases the gas must be allowed to escape without delay, and this is accomplished by the use of the trocar. The trocar is a sharp pointed instrument encased in a sheath which leaves the sharp point of the trocar free. In selecting the point for using the trocar, a spot equally distant from the last rib, the hip bone, and the transverse processes of the lumbar vertebra must be chosen.

Here an incision about three-fourths of an inch long should be made with a knife through the skin and then, the sharp point of the trocar being pushed downward, inward and slightly forward, is thrust into the paunch. The sheath of the trocar should be left in the paunch so long as any gas continues to issue from it.

If the sheath of the trocar is removed while gas is still forming in the paunch and the left flank becomes considerably swollen, it may be necessary to insert it again. It is well, accordingly, to observe the sheath closely, and if gas is found to be issuing from it it should not be removed. When gas issues from the canula in considerable quantity the sound accompanying its escape renders the exact condition obvious.

It is occasionally necessary to keep the sheath in the stomach for several hours. When this is necessary a piece of stout cord should be passed around the neck of the sheath immediately below the projecting rim, and then be passed around the animal's body and tied in a secure knot, and a careful attendant must remain with the cow during the entire period that the instrument is in place. The rim surrounding the mouth of the sheath should be in contact with the skin.

Whenever the person in charge of the cow is satisfied that gas has ceased to issue from the sheath the instrument should be removed. Two ounces of aromatic spirits of ammonia should be given every half hour in a quart of cold water, or half an ounce of chloride of lime may be dissolved in a pint of tepid water and the dose repeated every half hour until the bloating has subsided.

It is generally necessary to give a dose of purgative medicine after bloating has subsided, as animals frequently show symptoms of constipation after attacks of indigestion. For this purpose one to one and a half pounds of glauca salts may be used.

### Horse and Dog Meat

Consul George N. Ifft, in reporting that high-priced meat has greatly increased the consumption of horse flesh and dog meat throughout the German empire, especially in the densely populated industrial centers, writes from Annaberg:

During the year 1906 there were slaughtered for food in the kingdom of Saxony (which constitutes one thirty-sixth of the area and contains about one-thirtieth of the population of the empire) 12,922 horses and 3,736 dogs. This is an increase of 224 horses and 133 dogs over the year 1905. In all Germany, during the year 1906, there were slaughtered for food 182,000 horses. This is an increase of about 20,000 over 1905 and of about 47,000 over 1904.

Complete figures in regard to the slaughter of dogs for food in the German empire I have not been able to secure, but fragmentary statistics indicate that the total number was about 7,000—probably more, rather than less.

In the city of Chemnitz alone 698 dogs were

slaughtered in 1906, an increase of 88 over 1905, and during the same period 1,070 horses, an increase of 87 over 1905. While these two items show an increase of 175, the total number of animals slaughtered for food in that city during 1906 was 1,685 less than in 1905. Saxony also consumed 214,640 head of cattle (steers, bulls and cows), 422,831 calves, 1,112,714 swine, 206,082 sheep and 74,247 goats. These latter figures, excepting those for the goats, are all slightly lower than those for 1905.

Horse flesh is very generally advertised in the German newspapers, especially in those of the large industrial centers, and most German cities have at least one market which makes it a specialty, claiming for it a higher percentage of nourishment than that of either beef, veal, mutton or pork. Neither is it unusual to find advertisements of dog meat or for the purchase of dogs for slaughter.

Nor is it possible to read the German newspapers for any length of time without coming to the conclusion that a great many dogs are killed and eaten that do not give up their lives under official inspection. News items detailing the arrest, trial, conviction and punishment by fine or imprisonment of men charged with killing and eating dogs that belonged to others, sometimes valuable animals or cherished household pets, are not infrequent.

### Telling the Bird's Health

Dr. Salmon, of the Bureau of Animal Industry, lays down this rule for telling the health of the bird by its droppings: "The condition of the droppings furnish a good indication of the hen's health. They should be of sufficient consistency to hold their shape, but should not be too solid. In color they should be dark, tapering off into grayish white. If the droppings are soft or pasty and of a yellowish or brownish color, it indicates too much carbohydrates or a lack of meat. If, on the other hand, the droppings are watery and dark with red splashes of mucus in them, it indicates too much meat. A greenish, watery diarrhea usually indicates unsanitary conditions, either in the surroundings, the feed, or the water."

## HEALTH IN THE HEN HOUSE



**GERMOZONE** in the drinking water twice a week cures Roup, Colds, Cholera, Chicken-Pox and all disorders of that nature. Price, 50c. at dealers or direct from **GEORGE H. LEE CO., Omaha, Neb.**

GENERAL AGENTS—Howard L. Davis, 1315 Market St., Philadelphia, Pa.; Fiske Seed Co., Boston, Mass.; Robinson Seed & Plant Co., Dallas, Texas; Henry Albert, Los Angeles, Calif.; Portland Seed Co., Portland, Oregon.


### FOR SALE

## WHITE WYANDOTTES S. C. W. LEGHORNS

Have twenty finely marked cockerels—can mate you some choice pens. Eggs in season from selected yards, bred for size, carriage, standard markings, eggs.

## THOROUGHbred O. I. C. HOGS JERSEY CATTLE

Reasonable prices. Square dealing  
**WM. THOMAS, Route 3, Sweetwater, Tenn.**



WILL MAKE HENS LAY  
WILL MAKE CHICKS GROW.  
ADDRESS

**SOMETHING TO GROW ABOUT**

## HEN-E-TA BONE-GRITS

NO OTHER BONE NEEDED | NO OTHER GRIT NEEDED  
NO MORE BONE CUTTERS NEEDED

100LB. BAG \$2.25 | 200LB. BAG \$4.00  
ALSO SMALLER PACKAGES  
BIG DISCOUNTS IN QUANTITIES

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## Poultry Fence

**We Can Save You One-Half Your Poultry Fence Bill.**

Brown heavy-weight Poultry Fence when put up costs you hardly half the price of common light-weight netting, yet will last more than five times as long. In Brown Fence top and bottom wires are No. 9 Hard Spring Steel—balance in same proportion. It is woven close for chickens, extra strong for all farm stock. Won't sag or rust. Get our catalog and prices. We have 144 styles of fences. We pay the freight.


**The Brown Fence & Wire Co.**  
Cleveland, Ohio.



**THE BROWN FENCE**

## HOW TO GET MORE EGGS

Help your hens. Feed them fresh cut green bone and you'll get more eggs—you'll get eggs in winter when eggs are worth while. The Standard Green Bone Cutter prepares bone right for feeding, quickly—easily. Prices \$8.50 and up; sold on guarantee—sent on trial. Write for catalog. Standard Bone Cutter Co., Milford, Mass.



## ACME POULTRY SUPPLY CO.

MANUFACTURERS OF  
**ACME POULTRY FEEDS  
POULTRY SUPPLIES**

Largest Concern of Its Kind in the South  
SEND FOR PRICE LISTS

## ACME POULTRY SUPPLY CO.

NASHVILLE, TENN.

## ANNUAL SALE RHODE ISLAND REDS

Booking orders now for October delivery of 2000 youngsters at \$7.50 per trio—orders filled in order received—one-third cash to accompany order when placed, balance when chickens are to be delivered. All birds are guaranteed, first class breeders and free from all disqualifications.

**Olentangy Poultry Yds.**  
C. C. Reid, Mgr. DELAWARE, OHIO

## BUFF AND BARRED ROCKS.

I breed prize winners. Won at Birmingham, December, 1906, eight prizes on ten Buff Rocks, 1st cock, 1st and 2nd cockerel, 2nd, 3rd and 4th pullet, 3rd hen and 1st pen.  
Eggs, \$2.50 for 15. Satisfaction guaranteed.

**J. H. CROWELL, Parrott, Ga.**

## S. C. Rhode Island Reds

(DeGraff Blood)  
A few Cockerels for sale  
Eggs for hatching after January 15.

**E. E. ELLSWORTH, Johnson City, Tenn.**



## ANGORA GOATS

All correspondence should be addressed to Reginald Forwood, Garfield, Ark., and if a direct answer by mail is required a remittance of 25 cents should be sent.

### The Angora Goat—VI

Written for The Industrious Hen.

That there is a profitable side to the Angora goat industry, we will quote from the actual experience of one who embarked in the business a few years ago, not so much with a view of building up a large business in goats, but the opportunity of purchasing a few small bunches of pure-bred Angoras was so tempting. Having abundant brush land to clear, it was more or less in the nature of an experiment, as the goats were remnants of large herds that had been turned loose in the Ozark mountains, the owners being under the impression that they would take care of themselves, regardless of any attention whatever.

After three years of roaming, these bunches were rounded up and sold at \$5 per head, regardless of age, though the original purchase price was over \$10 per head for the does. After culling out the bucks, there were 50 does left in the bunch, and two new bucks purchased at a price of \$75, making a total investment of \$325.

Feed the following winter cost \$62.40, and in the spring 241 pounds mohair were sold at an average price of 25 cents per pound, which about covered the cost of winter feed.

Excluding the amount of benefit obtained in brushing the land, these goats netted the purchaser 38 per cent the first year, while his flock increased 30 per cent, as the following statement shows:

#### AMOUNT PAID OUT.

Purchase of 50 does @ \$5.....	\$250 00
Purchase of 1 Angora buck.....	50 00
Purchase of 1 Angora buck.....	25 00
Winter feed, 52 goats @ 1c per-head per day for 120 days.....	62 40

#### AMOUNT RECEIVED.

241 pounds mohair @ 25c.....	\$ 60 25
25 kids sold @ \$5.....	125 00
Total.....	\$185 25
Deduct winter feed.....	62 40

Net profit.....\$122 85  
A profit of 38 per cent upon the investment, and an increase of 30 per cent in the value of the investment in a period of eight months is a showing that cannot be equaled in many lines of business, and even if the does were valued at an original cost of \$10 per head, the return upon the amount invested is very favorable, in addition to which the returns from the mohair would have been larger, as these goats were very much run down in condition, and while they had subsisted entirely on brush during the three years, they probably had had no salt during all that period. The Ozark mountains are well adapted to goat-raising; there is unlimited brush land, and always an abundance of spring water, and there are no extremes of climate, the hot summers are tempered by breezes, which at the altitude of 2,000 feet are always cool, and a temperature of over 90 degrees is exceptional. Though the thermometer may range over 100 degrees less than 100 miles distant on the western prairies, it is never warm in the Ozarks, while winter blizzards are unknown. As one visitor to the summit of the Ozark mountains recently remarked upon viewing a large herd of goats roaming over the mountain tops: "This is a goat's paradise."

It was well said, for all the attributes necessary to the welfare of a goat are at hand, even to winter shelter under rocky bluffs, if his owner should have no shed, while it is never but a few steps to a spring or running stream. While Angoras are as domestic as the household cat, they love to roam in search of their food and their propensity for climbing makes them well suited to a mountainous country.

REGINALD FORWOOD.

### How to Tan Hairy Skins

Below we give a recipe that may be used in tanning skins of any kind with the hair, wool or fur on, as the case may be. The man who first discovered this method made a fortune selling the process, and it should be preserved, as by it sheep-skins may be made into beautiful rugs, and dog or calf skins may be tanned for robes or rugs:

While the skin is fresh, powder the flesh side with a mixture of salt two parts, alum and saltpeter each one part, and roll tightly, letting it lie until the mixture is thoroughly dissolved. This mixture should be pulverized before being applied. Then stretch the hide on a board and scrape off all flesh or membrane that may adhere to it. Then dry in the

sun and cover with neat's foot oil, after which it should be laid away for a few days. Next scrape as clean as possible with a piece of wood, and apply Spanish whiting which has been heated in an oven until it is hot, rubbing it with a flannel cloth. The skin is now ready for use, and if at all stiff, may be rubbed and worked soft with but little trouble.  
—Pacific Rural Press.

### THOROUGHbred

## Angora Goats for Sale

From Registered Stock. Nothing better to be had anywhere. \$20 per pair. One year old Bucks, \$10; Kids, \$7.

**E. D. SHIELDS**  
TOLLICO JUNCTION, TENN.



### PILLING CAPON TOOLS

On the market capons bring double price and are cheaper and easier to raise. Caponizing is easy and soon learned. A Pilling Capon Set will enable you to caponize all your young cockerels and add greatly to your profits. Sent prepaid with "easy to use" directions, on receipt of \$2.50. Anyone can do it. Write for free book on caponizing.

G. P. PILLING & SON CO.

Arch Street, Philadelphia, Pa.

## NORTH ALABAMA POULTRY FARM

Prize-winning Light Brahmas,  
B. P. Rocks, S. C. Brown Leghorns,  
White Wyandottes, M. B. Turkeys,  
Toulouse Geese and Pekin Ducks.

Eggs from these Pens from now until  
January, half price.

NO TURKEYS FOR SALE.

**JULIAN B. WEBB**  
ISBELL, ALA.

## Closing Out Sale

Of Light Brahmas, Black Langshans, White  
Plymouth Rocks, White Wyandottes

I have decided to devote my efforts in the future to one or two breeds, so the above must go at bargain prices. First come, first served.

**CEDAR HEIGHTS POULTRY FARM**  
Mrs. Lou Lusky, R. 5, NASHVILLE, TENN.

### Rose Comb Rhode Island Reds EXCLUSIVELY

NO PAINS OR MONEY HAS BEEN SPARED  
IN MATING MY PENS

Eggs \$1.50 per 15. \$8.00 per 100

W. B. FARRIS, Pulaski, Tenn.

## ARE YOU LOOKING FOR A HOME?

No farmer should think of buying a home before seeing a copy of the *Journal*. It has nearly 4,000 farms, city property and stocks of goods advertised in it, and reaches 50,000 readers each issue. Advertising rates, 2c per word. Send 10c in silver for a two months' trial subscription.

Farm and Real Estate Journal, Traer, Iowa

**DON'T YOU RECKON THOROUGHBREDS PAY BEST**

**81 REGULAR PRIZES TO OUR CREDIT**

**PLEASED CUSTOMERS IN EVERY SOUTHERN STATE**

**HAYSEN'S POULTRY YARDS CO.**

**Box H CHUNCHULA, (Mobile County) ALA.**

**BREEDERS, SHIPPERS, EXPORTERS.**

**LEADING VARIETIES**

**STANDARD BRED POULTRY**

**OUR IMPERIAL PEKIN DUCKS**

**98**

**WRITE FOR CATALOG**

**US WANT**

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## The Improved Champion Leg Band

25 FAT APPLIED FOR

Adjustable to fit any fowl. Held by double lock. They can't lose off. Initials, 10 cents per 100 extra. Also Pigeon Bands.



### THE SUPERIOR

is securely locked; can't lose off; six sizes. State breed and sex. Price postpaid, either kind, No. to suit, 12, 15c; 25, 30c; 50, 50c; 100, 80c. Sample for stamp. Circular free.

T. CADWALLADER, Box 710, SALEM, O.

## SILVER LACED WYANDOTTE

EGGS 15 FOR \$3

S. C. W. LEGHORN EGGS 15 FOR \$1.50

Fertility of nine eggs out of a setting guaranteed, provided the hen sets all right. Some of my birds scored 96 points.

MRS. C. S. JONES, COLUMBUS, MISS.

## NASH'S REDS R. C. S. C.

—ARE—  
STATE FAIR WINNERS

I won 1st R. C. Cockerel, 1st S. C. Cockerel and 1st S. C. Fullet (no pen classes) at the Ohio State Fair. Cockerels \$3.00 to \$25.00. Trios \$7.00 to \$50.00

M. J. NASH, JACKSON CENTER, OHIO

—Leslie Johnson's—

## Glorious White Wyandottes

Noblest type of Milton's "Tame Villatic Fowl." For beauty, for eggs, for the table, and even for companionship, the very first choice of chicken-kind. Cockerels, \$2.00, pairs \$3.50, trios \$5.00. Setting eggs \$2.00 for 15, but we give a year's subscription to this paper to all egg customers referring to this ad.

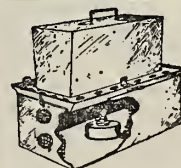
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## RHODE ISLAND REDS

The greatest layers in the world. A strain that averages 214 eggs per year. Hardy, vigorous and easy to raise. Good even color. Prices right. Satisfaction guaranteed.

REGINA JETT, Prop., ATHOL, KY.



### WATERING TANK

That will not freeze. May be used for old or small fowls. We make Metal Feed Coops; Rat, Mink, Lice and Mite Proof Brood Coops and Nests. Catalogue free.

**C. Hoskins & Co.**

Dept. I, 318 State Street, QUINCY, ILLINOIS



## THE DAIRY

Edited by James N. Price, F. S. A., Instructor in Dairy Husbandry at the University of Tennessee

An invitation is extended to our readers to contribute their experience to this department. Inquiries answered.

### The National Dairy Show

Written for *The Industrious Hen*.

The second National Dairy Show held in Chicago, October 10-19, was the greatest dairy show ever held in the United States. The International Amphitheatre furnished excellent accommodations for the cattle and for the various exhibits of dairy machinery and supplies.

During the show there were conventions of various dairy organizations representing every line of the dairy industry. The dairy instructors and investigators completed their organization and discussed needed improvements in courses of dairy instruction. This association is composed of the dairy instructors of the various agricultural colleges and of the men connected with the dairy division, U. S. Department of Agriculture.

The creamery operators met in convention to discuss creamery problems relating to the manufacture and sale of creamery products. The meetings of this convention were well attended and were full of interesting and instructive discussions.

The National Dairy Union also held a successful convention.

In the show building the visitors spent hours examining the various exhibits of dairy machinery and viewing the long lines of well groomed dairy animals.

The entire north wing and the west half of the central portion of the building was occupied by the exhibits of dairy machinery and supplies. Cream separators, ice cream freezers, refrigerating machines, bottling and capping machines, milking machines, churns, and various other machines, all of the very latest models, were in operation.

The machinery exhibits alone were well worth the time required to make a trip to Chicago. It is very seldom that dairymen have an opportunity to study and compare the various makes of dairy machinery; and there has probably never been a better display of such machinery than was made during the recent dairy show.

The chief feature of the show, however, was the cattle exhibit. The entries included over 500 head of the best dairy animals of America, representing the Jersey, Guernsey, Ayrshire, Holstein, Brown Swiss, and Dutch Belted breeds.

The exhibit of Ayrshires was undoubtedly one of the most magnificent collections of this breed ever brought together. In no place has the writer seen so many individuals of one breed, that conformed so closely to the dairy type and combined this conformation with a style and carriage that is almost perfect.

The Guernseys were present in greater numbers than any of the other breeds; and the exhibit included many excellent animals.

The Jerseys, though present in smaller numbers, were of excellent type and breeding. It is interesting to Tennessee dairymen to know that Brookhill Fox, of Overton Hall Farm at Nashville, again won first prize over hot competition, and Oakland Fox, of the same farm, won second in his class.

The Holsteins were represented by three herds containing animals of the highest type.

The Brown Swiss breed was well represented by animals of high type, which attracted considerable attention by their strong, rugged appearance, and especially by the thick set, smooth conformation of the youngsters.

The herd representing the Dutch Belted breed showed excellent quality. This breed attracted considerable attention because of the uniform character of the color markings—being black with a white band around the body, extending from back of the shoulders to the hips. The individuals of this breed are quite uniform in type. With one of the Dutch Belted herds was a pig of the Hampshire variety which has the same color markings as the Dutch Belted cattle. This pig soon became very much at home and furnished much amusement for show visitors.

All through the day an eager crowd gathered in the amphitheatre to watch the judging of the various classes. At night there was a parade of one or more of the breeds.

These great dairy shows should be better attended by our dairymen. At no place does one have a better opportunity to study the types of the dairy breeds, or to gain so much information on dairying in the same length of time.

JAS. N. PRICE.

### Inspection of Dairy Farms and Dairy Products

Now that the meat inspection and pure food laws are in successful operation, Secretary Wilson is proposing an extension of the inspection to include dairy farms and dairy products. He will ask Congress at the coming session to make a small appropriation for inaugurating this work. He is moved to make this recommendation by the revelations made in investigating the milk supplies of Washington and other cities. Many of the cows are affected with tuberculosis, and there is great need for improvement in sanitary conditions. Such inspection will of course apply only to dairy products which enter interstate or foreign commerce, just as the meat and food inspection is limited by the powers of the federal government. To make the inspection effective within the states it will be necessary for the local authorities to co-operate with the Department of Agriculture. If Congress gives the desired authority, the plan of operation will be to have dairy farms examined as to their sanitary condition, including water supply, stable equipment, and methods of handling the milk, and also to have the cows and attendants examined for disease. Only products from approved herds will be allowed to enter interstate or foreign commerce, and these products will bear labels showing that they have been inspected and passed. The inspection service will be carried out by the Bureau of Animal Industry, mainly through its dairy division. The first step would be to make preliminary examinations in certain localities, and it would doubtless be some time before the system could be generally applied. Milk, butter, cheese, etc., form such a large part of the food supply of the people, and have been found so subject to contamination that Secretary Wilson believes it important to have these products supervised as well as meats and other foods.

### S. C. R. I. REDS

#### COCKERELS

\$1.00 Apiece

— NOT CULLS —

RED CLOUD STRAIN



J. W. BROWN

THORNGROVE, - TENNESSEE

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#### Poultry Breeders

Send 16 cents in stamps for large Cut Catalog, Sample and Prices, stating your wants.

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### Sam M. Cooper,

Breeder of

High Grade S. C. R. I. Reds  
and R. C. White Leghorns

FOUNTAIN CITY, - TENNESSEE

First Cockerel, World's Fair



255 Premiums

AT

19 Big Shows

UNDER

21 National Judges

IN

4 Years

IS THE RECORD OF  
MY FAMOUS

## Brown Leghorns.

Compare this with other breeders before placing your orders for stock and eggs. My circulars are free

**E. E. CARTER**

KNOXVILLE, TENN.

Member Amer. S. C. Brown Leghorn Club

### R. C. R. I. REDS

### S. C. B. ORPINGTONS

Can please you in young stock at reasonable prices. Only a limited number of choice Orpingtons for sale. Special price on cockerels.

### H. M. LAYCOCK

ROUTE 1

Thompson Sta., - Tennessee

### GRANDVIEW FARM,

PHOENIX, ALA.

Thoroughbred

Rhode Island Reds

Buff Orpingtons

Silver Wyandottes

Eggs from grand pens headed by prize winners at Birmingham, Macon, Augusta and Charlotte, \$1.50 for 15.



## THE KENNEL

This Department is conducted by WALTER J. HUNTER, Johnson City, Tenn., to whom all queries should be addressed.

### My Dog and I

When living seems but little worth  
And all things go awry,  
I close the door, we journey forth—  
My dog and I!

For books and pens we leave behind,  
But little careth he,  
His one great joy in life is just  
To be with me.

He notes by just one upward glance  
My mental attitude,  
As on we go past laughing stream  
And singing wood.

The soft winds have a magic touch,  
That brings to care release,  
The trees are vocal with delight,  
The rivers sing of peace.

How good it is to be alive!  
Nature, the healer strong,  
Has set each pulse with life athrill  
And joy and song.

Discouragement! 'Twas but a name,  
And all things that annoy,  
Out in the lovely world of June  
Life seemeth only joy!

And ere we reach the busy town,  
Like birds my troubles fly,  
We are two comrades glad of heart—  
My dog and I!

—Michigan Farmer.

### A Dog Sermon

"Treat a dog like a man, and you will have a noble animal; treat him like a dog, and you will have a dog. Never lose sight of the fact that your dog knows more than you do. Proof: He understands your language; you do not understand his."

There is quite a sermon in the above quotation for every breeder. Treat him well, and there is no end to his fidelity. Never lose sight of the fact, that although he is a four-footed animal, he has the same feelings that you have; by that, of course we mean physical feelings. And yet we are sometimes made to think that he has the same feelings that we have in another sense. He is quick to understand that you are out of humor with him, or the world. If you don't believe it, scold him, and grab the lash, and see how quick he goes down, or sticks his tail between his legs and leaves you. He knows very well when to come back, and that is when your little fit of anger has passed off.

Treat him like a dog, and he is that same four-footed animal—nothing more, nor nothing less than a dog. All he will know will be meal time and how to best avoid you. Instead of becoming a companion to you, he will run from you every time he sees you, for he knows full well that he is a dog, instead of a "noble animal."

We must not take that part of the quotation, "He knows more than you do," to mean that he has a broader mind, or is capable of more intelligence, although we know of several that show a great deal more good judgment and hard common sense than some men, whose only thoughts are for self. He does understand your language to him, and we, in a measure understand his language. He has a happy faculty of knowing just what is meant when you speak to him. Treated in that manner, he is more than a dog. He is a "noble animal."

We have had some little experience in training dogs, and find that the first thing in training them is in learning them to use their brains; not to act. If you learn them first to think, then the rest will be easy. In our experience with Collies, we find them to be very sensitive, somewhat suspicious (trying to figure out what you are doing with them), rather excitable, but very quick of perception. Above all things in training them, never abuse them to an extent of making them afraid of you. It is well enough to let them know that you are the master, but this can be done without going to the extreme. The very worst thing in the world is to have them half scared to death. If you own a Collie and you are trying to learn it something, and find your patience is lacking, better let that dog alone and let some one handle it that knows how to be patient with it. As a rule a timid Collie is the brightest. But it certainly requires more attention and more kindness than one which is rather familiar.

We remember reading not long ago, an ar-

ticle on the training of a kennel man. In substance, this article stated that the greatest dread the writer had was in employing a kennel man who would bully and ill-treat his dogs, and for that reason he always, so far as possible, secured boys to handle them. He said he was always on the lookout for a lad that was afraid of the dogs, but that such lads were few and far between; but when he did get hold of one that used his boot on the brutes, he had a good cure for him, and that was to give him a few setters to look after. These setters had the appearance of being of a mild and sweet disposition and, to use his expression, "angelic faces," but we all know what one of these dogs does when he gets the boot from a stranger, and that is to immediately give that stranger a taste of his teeth. After this experience, the writer says that the lad usually had the greatest respect for all dogs.

Of course this will not work with all lads and all dogs, but where it will, it is worth more than a good thrashing to the boy or all the lecturing you can give him in a lifetime.

If your kennel man doesn't keep your dogs in good shape, or if you find that he abuses them, then it is time to look after them yourself; and if you haven't the time, get you a lad and train him as this writer does. We think it a very good idea.

### Dogs With Sore Mouth

We have read of many valuable dogs dying with the disease described in the following query and some of the readers of this paper will doubtless appreciate the publication of the remedy enough to cut it out and preserve it. A *Ruralist* reader asks:

Can you tell me what will cure the sore mouth on dogs.... They get so they can't eat, or drink water and want to be walking all the time. It seems to be in their throat. Can examine one's mouth, but can't see any sign of any sore. They commence to slobber a thick, ropy, slimy slobber. Will hang down nearly to the ground. They will roam around for 4 or 5 days until they starve to death. It seems like they want to eat and drink all the time. Please tell me what it is and what will cure it.—A. D. Nicholson.

Reply:—Feed them nothing but freshly made beef broth or boiled fresh milk and water in which 1 dram of sulphate of copper has been dissolved to the 2 gallons of fresh water.

Give—  
Carbolic acid, 2 drams.

Tannic acid, 4 drams.

Glycerine, 2 ounces.

Water, 10 ounces.

Give 1 to 3 tablespoonfuls per mouth once or twice per day.

### DOG GOT FLEAS?

The editor of *The Dog Fancier* has a preparation that will positively remove all fleas from dogs and cats. It is harmless to the animal or coat. Sent, postpaid, for 50 cents. *The Dog Fancier* is a monthly illustrated publication, devoted solely to dogs. Now in its 17th year. Will send you a sample copy on request. Subscription price 50c a year. Address the Editor, EUGENE GLASS, BATTLE CREEK, MICHIGAN.

## VERMONT BUTTE

(87667)

### AT STUD

One of the best Collies in the South. Sable and white. Fee \$7.50. Send for circular and pedigree. S. C. W. Leghorns, show birds and breeding stock, for sale cheap.

W. S. KING, LONOKE, ARKANSAS

## Collies For Sale

PUPPIES—Four new litters—will be ready for delivery in January and February, 1908. The best tri-color, and sable and white puppies we have ever raised—from prize winners and by the great stud dog, "Scottish Alton Monty," an imported first prize winner in hot competition. Biltmore Queen, Parbold Daisy, Caledonia Lena, Essa Ava II, and Beauty Bright II are prize winning bitches. Six weeks old puppies \$10 to \$25. Book your order now.

### Knox Collie Kennels

617 Gay Street Knoxville, Tenn.



**Adjustable Leg Bands**  
10 for 10c; 50-45c; 100-75c. Sample for 2c stamp. Catalog Free.  
H. TURNER TOOL CO.  
213 S. Clinton St., Chicago, Ill.

## O. K. ROUP REMEDY

A guaranteed Remedy for Roup, Colds, Canker, and Catarrh. Will reduce Swelled Head and Eyes in a short time. Save loss by its use. Mailed, postpaid, for 50 cents. THE O. K. STOCK FOOD CO., 647 Monon Building, Chicago, Ill.

## WECKLER'S BUFF ROCKS



Proved themselves winners again at Indianapolis, the greatest show ever held in Indiana. 1, 2 Pens, 1, 2 Hens, 1 Pullet, 3 Ck., 4 Ckl.; four Silver Cup Specials for best male and female. Eggs from the same matings that I breed from \$3.00 for 15. A few

Cockerels and Pullets for sale.

A. L. WECKLER, Bunker Hill, Ind.

## BARRED PLYMOUTH ROCKS

(RINGLETS)

Winners Three Years in Succession at the Greenfield Poultry and Pet Stock Show

I breed from high-scoring birds that are mated for best results. I have made Barred Rocks a specialty for fifteen years.

EGGS AT \$2.00 PER 15

F. E. MENZIES  
DYER, TENN.

## S. C. W. LEGHORNS

Free Range Birds! Laying Strain!

Eggs for hatching. About fifty Cocks and Cockerels (fine), to be moved at a bargain. We have an up-to-date plant, prepared to handle thousands of chickens yearly. Visitors welcome.

Speedwell Pou'try Farm, Salem, Va.

White Langshans, S. C. Buff Leghorns  
Pekin Ducks, Fox Terrier Dogs

Winners at Madison Square Garden, Chicago, and Indianapolis. Balance of season, eggs from either of our varieties at \$1.50 per 15 or \$2.50 per 30, and a square deal promised.

Reference: Editor of this paper.

A. W. PORTER & CO.

Dept. G. BRIDGEPORT, IND.

## S. C. RHODE ISLAND REDS ONLY

Eggs in Season for \$1.50 and \$3.00 per 15

My foundation stock is from best Reds in this country. I now have 150 young stock for sale—75 cockerels, all from first prize winners last season. Write your wants.

W. OSCAR ORR, Box 112, ROANOKE, ALA.

Poultry Panacea and  
Instant Louse Killer

Guaranteed to give the best results  
By Hess & Clark, Manufacturers.

Sold by T. E. BURNS CO.

311-313 Wall St., Knoxville, Tenn.

PLEASE MENTION THE HEN.



## SHOW DATES

It is our intention to publish dates selected as soon as we can learn them, and we would thank our readers to keep us informed as to dates, judges and secretaries, with their addresses. If errors are made please notify us.

## NOVEMBER

Adairsville, Ky.—Nov. 12-16, 1907. R. E. Jones, Judge; L. Paisley, Secy.  
 Augusta, Ga.—Nov. 4-9, 1907. J. W. Killingsworth, Secy.  
 Austin, Texas—Nov. 4-9, 1907. R. C. McClendon, Secy.; J. C. Skaggs, Judge.  
 Beaumont, Texas, East Texas Poultry and Pet Stock Association, Nov. 25-30, 1907. Ben C. Fastin, Secy.  
 Birmingham, Ala.—Nov. 19 to 22, 1907. F. J. Marshall, Judge; Elwynn Ballard, Secy.  
 Bridgeton, N. J.—South Jersey Poultry and Pet Stock Association, Nov. 27 to 30, 1907. B. B. Ware, Secy., P. O. Box 40, Bridgeton, N. J.  
 Columbia, Tenn.—Nov. 26-29, 1907. H. W. Blanks, Judge; R. S. Hopkins, Secy.  
 Deer Creek, Okla.—Nov. 25-29, 1907. M. S. Fite, Judge; C. C. Knepley, Secy.  
 Denton, Texas—Nov. 26-29, 1907. H. B. Savage, Judge; Claud Grant, Secy.  
 Jackson, Miss.—Nov. 5 to 16. N. L. Hutchison, Judge; W. C. Taylor, Jackson, Miss., Secy.  
 Mobile, Ala., Nov. 26 to 29, 1907. J. M. Sturtevant, Kushla, Ala., Secy.  
 Monroe, La.—Nov. 30-Dec. 2, 1907. W. S. Russell, Judge; John Q. Vandermaast, Secy.  
 Onarga, Ill.—Nov. 26-30, 1907. T. M. Campbell, Judge; G. H. Townsend, Secy.  
 Pond Creek, Okla.—Nov. 28-30, 1907. C. A. Emery, Judge; J. L. Alderson, Secy.  
 Richmond Hill, L. I.—Nov. 19-22, 1907. Drevensdt & Stanton, Judges; Robert Seaman, Secy., Jericho, N. Y.  
 San Jose, Cal., Nov. 11-16, 1907. Charles R. Harker, Secretary, San Jose, Cal.  
 Tyler, Texas—Nov. 26-29, 1907. J. C. Skaggs, Judge; Perry T. Shamburger, Secy.  
 Waldron, Ark.—Nov. 18-20, 1907. C. A. Emery, Judge; J. F. Anderson, Secy.  
 White Plains, N. Y.—Nov. 26 to 30, 1907. George W. Weed, W. J. Stanton and W. C. Denny, Judges; Frank W. Gaylor, Supt.  
 Whitewright, Texas—Nov. 20-22, 1907. H. H. Davis, Secy.

## DECEMBER

Adrian, Mich.—Dec. 11 to 17, 1907. J. E. Holyoke, Secy.  
 Asheville, N. C.—Asheville Poultry and Pet Stock Association, Dec. 17 to 19, 1907. Judge F. J. Marshall; Mrs. C. B. Campbell, Secy.  
 Athens, Ala.—Dec. 17-19, 1907. H. N. Binford, Secy.  
 Atlanta Poultry Association—Dec. 4 to 10, 1907.  
 Bentonville, Ark.—Dec. 11-15, 1907. W. C. Carney, Secy.  
 Bolivar, Mo.—December 24 to 27, 1907. R. J. Winn, Secy.  
 Bowling Green, Ky.—Dec. 17 to 20, 1907. Ben S. Meyers, Judge; L. J. Warden, Secy.  
 Bonham, Texas—Dec. 10 to 13, 1907. H. W. Blanks, Judge; W. T. Smith, Secy. and Treas.  
 Bradford, Ill.—Dec. 17-24, 1907. L. H. Eldridge, Secy.  
 Bristol, Tenn.—Va.-Tenn. Poultry Association, December 10-13, 1907. R. L. Simmons, Judge; W. H. Cochrane, Secy.  
 Canton, Ill., Dec. 31 to Jan. 4, 1908. W. C. Pierce, Judge; F. A. Bennett, Secy.  
 Cherryvale, Kas.—Dec. 23-28, 1907. J. O. Davis, Judge; Geo. Behner, Secy.  
 Cleveland, Tenn.—Dec. 17-19, 1907. D. M. Owen, Judge; A. J. Lawson, Secy. and Treas.  
 Corsicana, Texas—Dec. 11-14, 1907. G. M. Knebel, Judge; B. B. Simpkins, Secy.; M. Smith, Asst. Secy.  
 Decatur, Ill.—Dec. 4 to 7, 1907. J. B. Burrows, Secy.  
 Delavan, Wis.—Dec. 30-Jan. 8. Chas. McClave, Judge; Harry I. Phillips, Secy.  
 Durham, N. C.—Dec. 3 to 7. W. C. Denny, Judge; J. S. Jeffrey, Secy., W. Raleigh, N. C.  
 El Reno, Okla.—Dec. 23-28, 1907. J. J. Atherton, Judge; L. G. Adams, Secy.  
 Fairfield, Ill.—Dec. 16-18. J. B. Handley, Secy.; Shaw, Judge.  
 Fort Worth, Texas—Dec. 3-6. H. B. Savage, R. E. Jones, R. A. Davis, Judges; N. B. Moore, Secy.  
 Frankfort, Ind.—Dec. 23-28. T. M. Campbell, Judge; H. A. Danner, Secy.  
 Fremont, Neb., Dec. 9 to 14, 1907. Frank Heck, Judge. O. K. Eckels, Secy.  
 Fresno, Cal., Dec. 11-14, 1907. George R. Andrews, Secretary.  
 Greenville, S. C.—Dec. 10-14, 1907. S. T. Lea, Judge.  
 Guthrie, Okla. Dec. 9-14, 1907. D. T. Heimlich, Judge; E. B. Henry, Secy.  
 Hannibal, Mo.—Dec. 3-6, 1907. S. B. Johnston, Judge; Miss Maud Bloomer, Secy., Palmyra, Mo.  
 Hillsboro, Texas—Dec. 18-20, 1907. W. G. Escott, Secy.

Hennessey, Okla.—Dec. 17-21, 1907. J. J. Atherton, Judge; L. G. Adams, Secy.  
 Jefferson City, Tenn.—Jefferson County Poultry Club. Dec. 12-14, 1907. D. M. Owen, Judge; L. C. Foust, Secy.  
 Johnstown, N. Y.—Adirondack Poultry and Pet Stock Club, Dec. 3, 4, 5, 6, 1907. B. W. Mosher, Secy.  
 Kaufman, Texas—Dec. 26-28, 1907. Carl Peede, Secy.  
 Kingston, N. Y.—Dec. 18 to 20, 1907. C. A. Rockenstyre, Judge; C. S. Rowe, Secy.  
 Denny, Judges; Frank W. Gaylor, Supt.; J. D. Harcomb, Secy.  
 Louisville, Ky.—Dec. 14-18, 1907. C. A. Milligan, Secy.; Shaw, Jones, Owen, Ewald, Judges.  
 Madison Square Garden, Dec. 17 to 21, 1907. H. V. Crawford, Mt. Clair, N. J.  
 McKeesport, Pa.—Dec. 23, 28, 1907. Chas. McClave, Judge; A. A. Miller, Secy.  
 McKinney, Texas—Dec. 4-6. Savage, Judge; F. C. Thompson, Secy.  
 Monroe, La.—Dec. 11 to 13, 1907. H. B. Savage, Judge; C. E. Faulk, Secy.  
 Greater Nashville Pet Stock and Poultry Association, Dec. 9 to 14, 1907. Thos. F. Rigg, Iowa Falls, Iowa, and Thos. S. Faulkner, Tiffin, Ohio, Judges. Fred Klooz, Secy.  
 Oakland, Cal., Dec. 2-8, 1907. C. G. Hinds, Secretary, Alameda, Cal.  
 Oregon, Ill.—Dec. 30-Jan. 4, 1907-8. S. B. Johnston, Judge; F. A. Taylor, Secy.  
 Owensboro, Ky.—Dec. 2-7, 1907. W. C. Pierce, Judge; Robt. B. Hale, Secy.  
 Owensville, Ind.—December 23-28, 1907. A. B. Shaner, Judge; Frank L. Riffert, Secy., Haubstadt, Ind.  
 Palmyra, Ill.—Dec. 19-24. F. A. Gelder, Secy.; Shaw, Judge.  
 Petersburg, Ind.—Dec. 16-21, 1907. S. B. Johnston, Judge; S. A. Medcalf, Secy.  
 Pierce City-Monette, Mo., Dec. 16-19, 1907. C. A. Emery, Judge; Thos. Catlen, Pierce City, Secy.  
 Pleasant Valley, N. Y.—Poultry, Pigeon and Pet Stock Association, Dec. 10 to 13, 1907. Mrs. W. P. Masten, Secy.  
 Portsmouth, Ohio, Poultry and Pet Stock Show, Dec. 3-7, 1907. Nate T. Rickey, Secretary; F. Rigg, Judge.  
 Pulaski, Tenn. First Annual Poultry Show, Dec. 12, 13, 14, 1907. Judge F. J. Marshall; W. B. Romine, Secy.  
 Rantoul, Ill.—Champaign County Poultry Association, December 17-21, 1907. George A. Heyl, Judge; Glenn Robinson, Secy.-Treas.  
 Remington, Ind.—Dec. 30-Jan. 4, 1908. T. M. Campbell, Judge; F. L. Griffin, Secy.  
 Siloam Springs, Ark.—Dec. 4-7, 1907. C. H. Rhodes, Judge.  
 Springfield, Mass.—Dec. 3 to 6, 1907. A. F. Pierce, Winchester, N. H.; A. C. Hawkins, Lancaster, Mass.; H. P. Schwab, Irondequoit, N. Y., and Lester Tompkins, Concord, Mass., Judges; W. R. Graves, Secy.  
 St. Edward, Neb., Dec. 17 to 20, 1907. U. J. Shanklin, Judge; Jacob Rosencrantz, Secy.  
 Weatherford, Texas—Dec. 17-20, 1907. D. M. Hart, Jr., Secy.

## JANUARY

Anadarko, Oklahoma—Jan. 15-18, 1908. M. S. Frite, Judge. John Pfaff, Jr., Secy.  
 Atlanta, Ga.—Jan. 7-11, 1908. W. F. Reils, Secy.  
 Barry, Vt., Jan. 7 to 10, 1908. Hawkins, Shaw and Coolidge, Judges; E. J. Badger, Secy.  
 Charlotte, N. C., Jan. 17 to 23, 1908. H. P. Keller, Judge; Jno. W. Nicoley, Secy.

Chicago, Ill.—Jan. 23-30, 1908. Fred L. McKinney, 325 Dearborn St., Secy.  
 Cincinnati, Ohio—January 14 to 18, 1908. Julius Friedeborn, 139 W. Sixth St., Cincinnati, Secretary; Loring Brown, Geo. Ewald, Judges.  
 Clarksburg, W. Va.—Jan. 27-30, 1908. Chas. E. Cram, Judge; E. M. Wilson, Secy.  
 Cleveland, Ohio, Fancier's Club, Jan. 27 1908. F. L. Gruhl, 9902 Woodland Ave., Secy.  
 Columbus, Ind.—Jan. 13 to 18, 1908. H. Karl Volland, Secy.  
 Dallas, Texas—January 7 to 10. R. A. Davis, Farmersville; H. B. Savage, Belton; G. M. Knebel, Waco; W. S. Heaton, Ft. Worth, Judges; C. P. Van Winkle, Asst. Secy.  
 Delhi, Ind.—Jan. 6-11, 1908. W. F. Browne, Secy.; Shaw, Judge.  
 Gastonia, N. C.—Jan. 6 to 11, 1908. F. J. Marshall, Judge; John L. Beal, Secy.  
 Enid, Okla.—Jan. 13-18, 1908. D. A. Stoner, O. P. Greer, Judges; I. J. Sherrick, Secy.  
 Frostburg, Md.—Jan. 15-19. H. A. Emme, Judge; W. D. Hanson, Secy.  
 Gainesville, Texas—Jan. 17-19, 1908. C. I. Pippin, Secy.  
 Georgetown, Ill.—Jan. 13-18, 1908. T. M. Campbell, Judge; H. O. Cook, Secy.  
 Gosport, Ind.—Jan. 21-25, 1908. T. M. Campbell, Judge; N. D. Lingle, Secy.  
 Greenfield, Tenn.—Jan. 21 to 24, 1908. R. I. Jones, Judge. W. H. Dolan, Secy. and Treas.  
 Herndon, Va.—Herndon Poultry Association, Jan. 2, 3, 4, 1908. Geo. O. Brown, Judge; C. M. Walker, Secy.  
 Knoxville, Tenn.—East Tennessee Poultry Association, Jan. 7-11, 1908. D. M. Owen and Loring Brown, Judges; John T. Oate, Secy. and Treas.  
 Lexington, Ky.—Jan. 27-Feb. 1, 1908. Chas. McClave, Judge; D. D. Slade, Secy.  
 La Grange, Ind., Poultry and Pet Stock Association, January 6 to 11, 1908. S. B. Johnston, Judge; Ira Ford, Secretary.  
 Lexington, Ky.—Jan. 28-31, 1908. Chas. McClave, Judge; D. D. Slade, Secy.  
 Lodago, Ind.—Jan. 20-25, 1908. S.

## The Jefferson County POULTRY SHOW JEFFERSON CITY DECEMBER 11, 12, 13, 1907

D. M. OWEN, Judge.

Send your name and address for premium list.

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Johnston, Judge; Warner Davidson, Crawfordsville, Secy.  
Louisville, Ky.—Jan. 13-18, 1908. Poultry Judges D. M. Owen, R. E. Jones and Frank Haw; Pigeons, Geo. Ewald.  
Mineral Point, Wis.—Jan. 7-11, 1908. T. M. Campbell, Judge; Allen Tucker, Secy.  
Monroe Poultry Association, Monroe, N. C.—Jan. 7 to 10, 1908. Judges, Dr. T. S. Lea and E. E. Frymire; T. P. Dillon, Secy.  
Nashville, Ark.—Jan. 8 to 10, 1908. S. T. Anderson, Secy.  
Nashville, Tenn.—Jan. 6-11, 1908. Jno. A. Murkin, Jr., Secy.  
New Castle, Pa., Lawrence County Poultry Show, Jan. 1, 2, 3, 4, 1908. Judge Denny; R. Bolland, Secretary.  
Oelwein, Iowa, January 21-25, 1908. Chas. McClave, Judge; Dr. T. D. Miner, Secy.  
Oklahoma City, Okla.—Jan. 20-25. Ira C. Schwab, Judge. W. B. Alexander, Secy.  
Ottawa, Ill.—Jan. 13-18, 1908. S. B. Johnson, Judge; J. P. Conigan, Secy.  
Parkersburg, W. Va.—Jan. 14-18, 1908. Eugene Sites, Judge; Forest C. Goff, Secy.  
Pembroke, Ky.—Jan. 2-4, 1908. T. D. Heimlich, Judge.  
Perry, Okla.—Jan. 13-18, 1908. Ira C. Keller, Judge; A. A. Maupin, Secy.  
Peterboro, N. H., Jan. 7-10, 1908. E. M. Ramsey, Secretary.  
Philadelphia, Pa.—Jan. 21-25, 1908. Leslie Fries, Secy., Bridgeport, Pa.  
Ponca City, Okla.—Jan. 6-11, 1908. M. S. Te, Judge; E. M. Garner, Secy.  
Poyntette, Wis.—Jan. 6-10, 1908. T. M. Campbell, Judge; G. J. Townsend, Secy.  
Rock Hill, S. C.—January 7-11, 1908. W. A. Brice, Secy.  
Rockford, Ill.—Jan. 13-18, 1908. S. B. Johnston, Judge; Chas. S. Gilbert, Secy.  
Swampscott, Mass.—Jan. 7 to 10, 1908. A. C. Smith, W. H. Cord, W. B. Atherton, G. P. Coffin and Geo. Feather, Judges; Chas. E. Waterhouse, Secy.  
Woodward, Okla.—Jan. 1-4, 1908. E. C. Branch, Judge; C. C. Hoag, Secy.  
Zion City, Ill.—Jan. 14-18. Chas. McClave, Judge; Ernest R. Heath, Secy.

## FEBRUARY

Circleville, Ohio—Ohio Branch American Poultry Association—February 10 to 14, 1908. Jas. E. Cram, Secy., Carey, O.  
Columbus, Ohio, February 10-15, 1908, Ohio Branch American Poultry Association. Chas. Cram, Sec., Carey, Ohio.  
Indianapolis, Ind.—Feb. 3-8, 1908. William Robin, Secretary.  
Indianapolis, Ind.—Feb. 3 to 7, 1908. James Tucker, A. F. Kummer, O. L. McCord, S. Lane, Judges; Theodore Hewes, Secretary, Indianapolis, Ind.  
Lebanon, Ky.—Feb. 10-14, 1908. T. D. Heimlich, Judge.  
Marietta, Ga.—Feb. 6 to 9. D. M. Owen and Irving Brown, Judges; Jno. P. Cheney, Secy., Marietta, Ga.  
Sheridan, Ind.—Feb. 10-15, 1908. T. M. Campbell, Judge; John Pritch, Secy.  
Titusville, Pa.—Feb. 4 to 11, 1908. T. L. Andrews, Secy.  
Windber, Pa.—Feb. 12-15, 1908. Ambrose Ves, Secy.

## Show Winnings

It is again necessary to state, for the protection of our advertisers, that we will not publish the winnings of any but advertisers or subscribers to THE INDUSTRIOUS HEN.

## Weakley County Fair Association

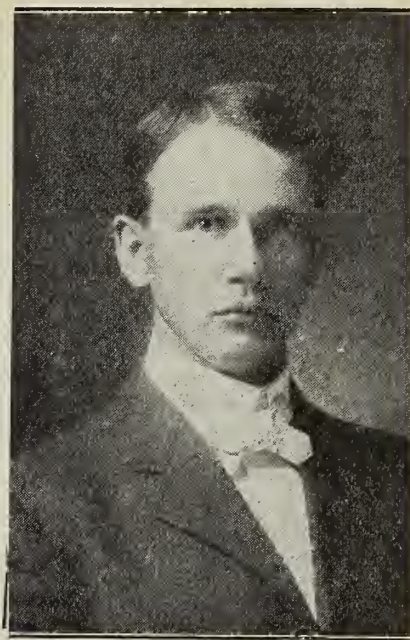
Written for The Industrious Hen.

The Poultry Department of the Weakley County Fair Association, Dresden, Tenn., Oct. 16th to 19th, was one of the most valuable departments of the fair and was without doubt visited by every person who attended the fair. W. H. Dolan, of Greenfield, Tenn., was superintendent and was ably assisted by S. T. Johnson, Hoyt Drewry, and W. E. Kirksey, also of Greenfield, Tenn. Each one did his very best to make this department the success that it was. It was stated by many that the fowls on exhibition were the finest ever seen in this part of the state. The bronze turkeys of K. C. Allen and H. L. Hill, of Dresden, Tenn., were unusually fine. The Barred Plymouth Rocks of S. T. Johnson took second and third prizes and tied on first prize with J. E. Drewry and were pronounced to be the finest of their kind ever exhibited in Tennessee before, and perhaps do not have their equal in America. The White and Brown Leghorns of Hoyt Drewry, and Pekin ducks of W. E. Kirksey, deserve especial mention. Next year a house will be built for the poultry division separate from the agricultural department, and fanciers from every county in the State and from every State in the Union will be invited to enter their fowls and contest for the unusually large prizes to be offered.

The awards were as follows:

Barred Plymouth Rocks—S. T. Johnson, 1, pen, tied with J. H. Drewry; S. T. Johnson, 2, 3, 4 pens, \$2.00 each.  
Rhode Island Reds—W. H. Dolan, 1st; R. E. Perry 2nd.  
White Rocks—G. H. Drewry, 1st and 2nd.  
White Wyandottes—Ralph McUmbert, Greenfield, Tenn., 1st.  
Black Langshans—Ralph McUmbert, 1st.  
Black Minorcas—B. T. Blackstock, 1st.  
Dark Brahmas—J. C. Cates, Martin, Tenn., 1st.  
Buff Orpingtons—G. H. Drewry 1st, J. C. Cates 2nd.  
S. C. Brown Leghorns—Hoyt V. Drewry, Greenfield, Tenn., 1 and 3; W. A. Caudle, Greenfield, Tenn., 2.  
S. C. White Leghorns—Hoyt V. Drewry, 1, 2 and 3.  
Friszled Browns—R. M. Little, Dresden, Tenn., 1st.  
Bronze Turkeys—K. C. Allen, Dresden, Tenn., 1st; H. L. Hill, Dresden, Tenn., 2nd.  
Bronze Turkey Cocks—Largest in size, K. C. Allen, 1st; H. L. Hill, 2nd.  
Canadian Geese—A. L. Killebrew, Dresden, Tenn., 1st.  
Toulouse Geese—Jack Edwards, Dresden, Tenn., 1st.  
White Pekin Ducks—W. E. Kirksey, 1st and 3rd; J. H. Drewry, 2nd.

LAKE E. HOLLADAY.

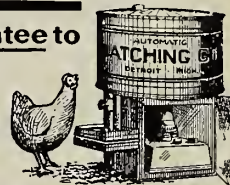


F. L. Shaw, Palestine, Ill.  
Judge at Jamestown Exposition.

## The Nashville Show

The third annual exhibition of the Tennessee State Poultry Breeders' Association will be held under the auspices of the South Central Branch of the American Poultry Association at Nashville, Tenn., January 6th-11th, 1908. Miller Purvis, of Peotone, Ill., and J. H. Drevenstadt, of Red Bank, N. J., will judge. This is the South's leading show, and will be larger and better than ever this season. Big premium list and specials. Premium book and entry blanks ready December 1st, 1907. Address, John A. Murkin, Jr., Sec., Nashville, Tenn.

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**Bristol, Va.-Tenn. Show**

Prospects for a fine show on December 10-14 are great. This Association has a first-class financial backing this year. They have secured up to date four handsome silver cups with chances for others. There will be a cup for best exhibit in the American class, and one for the Mediterranean class; the Purina Feed Co. cup, and THE INDUSTRIOUS HEN cup for best exhibit in the show. They have also a number of fine specials. There will also be ribbons offered by the following clubs: S. C. Brown Leghorns, S. C. White Leghorns, S. C. R. I. Reds, R. C. R. I. Reds, S. C. Black Minorcas, R. C. Black Minorcas, White Wyandottes, Buff Wyandottes, Silver Laced Wyandottes, Black Langshans, Buff Plymouth Rocks, R. C. White Leghorns. They have advertised freely and interest has been stirred up in the city, so the attendance will be good.

For premium list and entry blanks, address W. H. Cochrane, secretary-treasurer, Bristol, Va.-Tenn.

**Poultry at Richmond, Va., State Fair**

Large crowds visited the poultry show at the State Fair held in Richmond in the latter days of October. The poultry exhibit was excellent and many birds were there that would have done credit to Jamestown. Judges R. L. Simmons and F. S. Bullington placed the ribbons, and S. S. Stansbury was the popular and efficient superintendent. Among the winners we noticed that Bullington got everything on White Orpingtons, and 2 ck, 2 and 3 hen, 1 ckl, 1 pen, old, on S. C. R. I. Reds. Walter S. Saunders, 3 ck, 2 old pen on White Wyandottes. D. W. Jardine, 1 ck, 1 and 2 hen, 2 and 3 ckl, 1 and 2 pul, 1 pen, young and old Buff Plymouth Rocks, and 2 ck. Partridge Wyandottes. V. H. Council, on Andalusians, won 2 ckl, 2 and 3 pul, 1 pen. On White Holland turkeys, Laurel Hill Poultry Farm won 2 ck, 2 hen, 1 ckl, 1 pul. We regret that we cannot give the winnings in full, but as it is against our policy to publish only the winnings of our patrons, many of them are omitted. Some of them will be printed later.

**Florida State Poultry Association**

Will hold its second annual show at Orlando, Fla., December 18, 19, 20 and 21, and competition will be open to the world. R. E. Jones, Nashville, Tenn., will place the awards. The state organization is in a flourishing condition and a grand turn out is confidently expected.

We cordially invite our poultry neighbors in the states north of us to come down and bring their finest and see what Florida has to offer for fancy poultry. The premiums and specials will be generous and all persons interested should send for premium list which will be ready about November 15th. Write either to Secretary Geo. Clemens, Box 206, Ocala, or to the President, C. Fred Ward, Winter Park, Fla.

**Ohio State Poultry Show**

Will be held at Washington C. H., O., January 7 to 11, 1908, and will be the largest ever held in Ohio. The organization contains many of the leading fanciers and is the strongest organization in the state. Plenty of silver cups, badges, ribbons, and, better still, lots of solid cash. The cash specials on breeding pens are larger than any other show in America, where competition is open to all exhibitors. The show



Chas. G. Pape, Ft. Wayne, Ind.  
Breeder of S. C. Black Minorcas, member A. P. A. and President American Black Minorca Club.

will be run in the interest of the exhibitor by placing the entry fees the lowest and the premiums the highest of any of the leading shows. If you want to win big money and high honors, don't fail to show your birds at the big Ohio Show. The following excellent judges will score the birds: Chas. McClave, Ira Keller, M. M. Barger, C. R. Dalbey, Theo. Faulstich, and Thos. S. Falkner. Send for large catalogue full of good things for the exhibitor. J. A. Bush, Sec'y, Washington C. H., O.

**St. Louis Poultry and Pet Stock Association**

Will hold their annual exhibit in St. Louis, Nov. 25th to 31st, 1907. The large building at the northwest corner of 11th and Pine streets has been secured. This building is well lighted and ventilated, and being in the center of the city makes it an ideal location for a poultry show, in addition to accommodating 2,000 birds. There will be ample space for feed and poultry supply exhibits. The special list is large; it consists of cups, incubators, and numerous articles of value offered by the leading merchants of St. Louis, and the various club specials, including the silver medal and diploma offered by the American Poultry Association. The show is being well advertised and a large attendance is expected. Premium list with full particulars will be furnished on application, by T. W. Orcutt, secretary, 4711 Page Ave., St. Louis, Mo.

**The Franklin, Ind., Poultry Show**

After a lapse of one year the Frankfort, Ind., Poultry Association has been reorganized and expects to hold the biggest show in Indiana during the week of December 23-28, 1907. T. M. Campbell, of Darlington, Ind., who has a national reputation as one of the best judges in the country, has been engaged to do the scoring. This fact alone is assurance of a successful show. Many specials will be offered. Frankfort has one of the finest show rooms to be found anywhere.

H. A. DANNER, Secretary.

**Augusta, Ga., Show**

The Augusta show promises to be one of the best in the South. They certainly are hustlers. We had the pleasure of meeting Messrs. Jones and Verdery, the latter superintendent of the show, at State Fair, Nashville, where they were in the interests of the Augusta show, getting entries.

The prizes offered, \$2 for 1st, \$1 for 2nd, on single fowls; \$3, \$2 and \$1 on pens, ought to bring out the best stock. This Association offers 15 silver cups as specials, besides an unusual number of cash specials. Dr. W. C. Cleckley, the president, gives a fine example of generosity. He has offered \$25 cash and five silver cups. For premium list, address J. W. Killingsworth, secretary.

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We manufacture them for you from photographs of yourself, your children, your residence, animals, birds, etc., plain or colored. Quick delivery guaranteed. Send for samples and prices.

**The Industrious Hen Co.**

Knoxville, - - - Tennessee

**FINE VIEW POULTRY YARDS****W. P. Rocks and Bronze Turkeys**

My birds are the combination of direct descendants of the Chicago World's Fair, Madison Square Garden, New York, and St. Louis World's Fair winners. Have spared neither pains nor money to obtain the best in the world, with an eye to beauty, size, laying qualities, and superior individuality.

Eggs now at half price, \$1.00 per 15.

**MRS. W. A. DICKINSON**  
**TRENTON, - - - KENTUCKY**



## WOODLAND POULTRY FARM

Has been Taking Prizes for Twenty Years in

B. P. Rocks, Black Langshans, White Wyandottes, S. C. White and Brown Leghorns and S. S. Hamburgs

BLOOD TELLS. THEY WIN FOR ME AND WILL WIN FOR YOU

Mrs. R. H. Bell, Washington Pike, Knoxville, Tenn.



## S. C. Brown Leghorns

TWENTY years breeding, judging and preparing birds for exhibition enables me to furnish winners. Some fine stock, both old and young, now ready for shipment.



D. M. OWEN, - Athens, Tenn.

## DOAK'S WHITE WYANDOTTES

WON AGAIN AS USUAL

At NASHVILLE Sept. 23-28, 1907: 1st Pen, 1st Cock, 1st Hen, 2d Pullet.  
\$25 Cash Prize--BEST PEN IN SHOW, ANY BREED

E. L. DOAK, Greenwood Ave., KNOXVILLE, TENN.

## "FEED, TEN CENTS A BUSHEL"

Is your main feed for producing eggs and growing young stock costing you more than 10 to 15 cents a bushel? If so, you want my new book, title,

### PROFITS IN POULTRY KEEPING SOLVED

which tells you how to make this great feed and gives you every detail in laying out and running a poultry plant. Gives you my lifetime experience. You can save \$25 a year on every one hundred hens you feed as well as increase your egg yield 30 to 40 per cent. No mashes under my new system. I have put hundreds of plants on a paying basis and can yours. Write today and stop that big feed bill. Circulars and testimonials free. My second edition of 3,000 copies now ready.

EDGAR BRIGGS, Box 156, NEW ROCHELLE, N. Y.

## WILBER'S SINGLE COMB WHITE LEGHORNS THE WORLD'S .. BEST ..

Hundreds of very choice breeding and exhibition cockerels, pullets and hens, from our noted winners at Knoxville, Nashville and Chattanooga, Tenn.; Atlanta, Ga.; Louisville, Ky.; Charlotte, N. C.; Charleston, S. C.; Birmingham, Ala., and Cincinnati, Ohio. Cockerels that will improve the laying qualities of your flock. 50 cockerels and 100 pullets from Bob White matings—the hens that lay an average of 239 eggs in one year. Write your wants. A handsome catalogue free. Satisfaction guaranteed.

WILBER BROTHERS, Box G, PETROS, TENN.

THE WHITE LEGHORN MEN

## PORTER BROS.

R. 7, Columbia, Tenn.

## WHITE PLYMOUTH ROCKS (Exclusively)

PENS ALL HEADED BY PRIZE WINNING MALES

## WHITE WYANDOTTES Exclusively

BRED FOR UTILITY AND EXHIBITION

Won at Tuilahoma, Tenn. (Lansden, Judge)—First Cockerel, Second and Third Pullet, First Pen. Won at Murfreesboro, Tenn. (R. E. Jones, Judge)—First Cock, First Hen, First Cockerel, First, Second and Third Pullet, First Pen.

Early hatched, well developed Cockerels and laying Pullets for sale. Eggs, \$2.00 for Fifteen. JAMES BAIRD JONES, - - - MURFREESBORO, TENN.

### A Jamestown Winner

Just as we go to press a letter from J. D. Payne, Partridge Wyandotte Park, Burlington, N. C., says: "Just heard from Jamestown. I knew I had world winners, but did not expect so much. Won 1 ck., 2 hen, 1, 2 ckl. and 1, 2 pul." Hurrah, for Partridge Wyandotte Park and the old North State!

### Two for One

Readers, if you are interested in apple growing, send us fifty cents for one year's subscription to THE INDUSTRIOUS HEN and The Apple Specialist—the two one year for 50c if you mention this offer.

### Meeting Postponed

The meeting of the Executive Board of the A. P. A. called for November 4th at Cleveland, Ohio, has been postponed by order of President Bryant. Date announced later.

### An Attractive Premium List

The catalogue of the fourth annual exhibit of the Cleveland Poultry Association to be held December 17 to 19, is out, and does credit to this enthusiastic band of Tennessee breeders. The list of prizes and specials are attractive and will no doubt draw many exhibitors.

### To My Friends and Patrons

I have sold my entire flock of White Leghorns to Marion Farm, Smyrna, Ga. This is one of the best flocks in the South, and they have always held their own in any company. They have gone into capable hands, and I bespeak for my successor a liberal share of your patronage.

A. T. MAUND, Geneva, Ga.

The hen with little chicks has one decided advantage that mothers do not have. When the hen wakes up in the night she doesn't have to get up to see if her little offspring have kicked the cover off them.—*Atchison Globe.*

### INCUBATOR OIL

You can increase your hatch twenty-five per cent by using in your incubators

#### Soline Oil

No Smoke, no Odor, a perfect Oil, made from premium Pennsylvania Crude.

Orders filled from Knoxville and Chattanooga, Tenn., High Point and Greensboro, N. C., Baltimore and Cumberland, Md. Address

TENNESSEE OIL COMPANY,  
K. & O. Ry. Knoxville, Tenn.

### "THE CEDARS"

## Buff Orpingtons

.. and ..

## S. C. W. Leghorns

Stock for sale. Eggs for hatching after December 1st. Close prices on White Wyandottes to close out. INDIAN RUNNER DUCKS.

GEO. E. MORSE, Cleveland, Tenn.

## WYANDOTTES

White and Buff

Stock and Eggs for sale at all times. Satisfaction guaranteed. The golden rule our motto.

## M. D. ANDES

Bristol, - Tenn.



**Poultry Show at Athens, Ala.**

H. N. Binford and others at Athens, Ala., are working hard to have a show on December 17, for three days. There are some good birds about Athens, and we have no doubt quite a number will be sent from neighboring sections, and there is no reason why our friends there may not have an excellent show. Mr. Binford is the moving spirit, and he will look after THE INDUSTRIOUS HEN there also.

**Greenville, S. C.**

Will hold the second annual show of the Poultry, Pigeon and Pet Stock Association December 10 to 14, 1907. The regular premiums on single birds are \$2 for firsts and \$1 for seconds; first pen \$3, second pen \$1.50. Several cups will be offered, among them the Buff Plymouth Rock and White Wyandotte State cups. Empire coops will be used throughout, properly classified and labeled with name of breed and variety. C. H. Yates is president and F. L. Feagle, Secy.

**Asheville, N. C.**

Has her maiden poultry show December 17 to 19, under the guidance of the Asheville Poultry and Pet Stock Association. This is virgin poultry soil, and great enthusiasm is being manifested. F. J. Marshall will judge the birds and Mrs. C. B. Campbell is the most efficient lady secretary. Luke Dixon, the "HEN man" and the great American Brown Leghorn crank, is boosting all he can. Success is assured.

**Change of Secretary**

The announcement is made of the resignation of Mr. John R. Milligan, secretary of the Louisville Poultry and Pet Stock Association, Louisville, Ky. His successor, Mr. Wm. C. Cawthon, says that they expect to have the largest show that was ever held in Kentucky. Mr. Pendleton Pope has been elected to fill the vacancy in the board of directors caused by Mr. Milligan's retirement.

**Harrodsburg, Ky.**

Will hold her annual show December 18 to 21, 1907. Frank L. Shaw will judge. D. T. Bohon, Secy.

**For Those Who Desire to Make Their Own Incubators and Brooders**

There is no question that the H. M. Sheer Co., of Quincy, Illinois, have hit upon a popular and practical idea in bringing to the reach of every one interested in hatching and rearing poultry by artificial means their unique plans for building your own incubators and brooders, and also Mr. Sheer's wonderful and efficient line of incubators and brooder fixtures.

In the first place their plans, which, by the way, are so simple and easy to follow that a ten year old boy can successfully build an incubator or brooder from them, appeal to a very large number of people who get as much pleasure out of building their machines, houses, etc., as they do in the hatching and rearing. This is best evidenced by the thousands of people who have built their own machines from these plans. Last year nearly 25,000 people were interested. The plans are sent absolutely free—the Sheer Company supply, at a reasonable cost, all parts not possible for you to make. It is surprising how efficient the machines are made even by people who have never had any experience.

As to the fixtures, Sheer's Acme Automatic Lamp and Acme Compound Regulator, they are so made that they can be attached to any make of incubator and the saving they effect in oil consumption, in time, in worry and labor soon pays for their cost. The compound flame regulation alone, saves one-half the oil. It also insures uniform temperature. Lamp holds gallons of oils, saving frequent filling. It can't upset, no danger from fire, and is the most accurate outfit ever invented.

Just write a post card and get a copy of their 1908 catalog and complete plans for building your own machines. They are sent free by addressing H. M. Sheer Co., Quincy, Illinois, and mentioning this paper.

**WE WANT NAMES**

We want you to send us the names and addresses of from ten to twenty-five persons living in the United States, each one having twenty-five hens or more. You can send us the names from any number of different post offices. If you will send us these names we will send you **TWO BEAUTIFUL PICTURES FREE**. These pictures are reproductions of the most celebrated paintings in the world, and they are of high quality, and we know that you will be pleased and delighted with them; no pictures will be given for a list of less than ten names.

We want to send a free sample copy of a special issue of THE HOME MONTHLY (The National Poultry Journal) to a lot of poultry raisers who are not now taking our paper, and for that reason we want these names.

Send us immediately a list of at least ten poultry raisers and we will mail you, postpaid, **ABSOLUTELY FREE, TWO REPRODUCTIONS OF THE WORLD'S FAMOUS PICTURES**. Address, THE HOME MONTHLY, 637 W. 43d Street, New York, N. Y.

**THROW PEARL TO POULTRY**

They'll make a lively scramble. They'll scratch and hunt for it in the litter because they like "the flavor" and the sharp, square corners. It beats gravel and oyster-shell, and serves the double purpose of a grit and shell-maker.

It's easy for hens to see it, because it's white and reflects the light. Then it's clean; you don't have to pay for a lot of useless trash—you get just "grit." It's hard, and holds its sharp edges and grinding points till at last dissolved in the hen's or chick's gizzard. Three sizes for chicks and hens. It contains Lime, Magnesia, Silica, Sulphur, Iron, Alumina—all necessary to balance the food ration. These go to help make bones, feathers, yolk and shell. So, if you would have your fowls vigorous, bright-eyed, strong in legs and eggs—throw Pearl to them and ex-

**Pearl Grit**

**Sharp,  
Clean,  
Hard,  
White,**

perience these results. Our free book, "True Grit," tells a lot about chicks and hens, that you would like to know. We gladly send it. Just write us.

**THE OHIO  
MARBLE CO.**  
No. Wayne St.,  
Box 225,  
Plaza, Ohio.

**WHITCOMB FARM**

(INCORPORATED)

Box 203, Riverside, R. I.

**WARREN R. FALES**

The Largest Breeder of

**BARRED PLYMOUTH ROCKS**

IN THE UNITED STATES.

Now is the time to engage your Barred Plymouth Rock Pullets for fall and winter eggs.

**BEST OF UTILITY STOCK \$1.50 APIECE**

F. O. B. RIVERSIDE, R. I.

April and May hatched chickens. Orders will be filled in rotation.

First come, first served.

**LANCFORD'S RHODE ISLAND REDS**

Won more regular and special prizes and silver cups than all competitors combined at Tennessee State Fair; Charleston, S. C.; Nashville, 1907, and also 1906, Columbia, Atlanta, etc.

**FIFTY RED HENS FOR SALE. Some Grand Cocks and Cockerels at Reasonable Prices****FRANK LANCFORD, NASHVILLE, TENN.**

ROUTE 10

CATALOG FREE

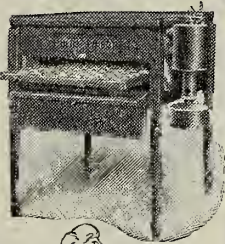


# BUILT TO HATCH AND LAST



That describes my incubator fully. Built to hatch strong, healthy chicks that will "grow like weeds" from the very first day of their existence. I have been raising poultry for a good many years. I know just what an incubator and brooder should be, and I have included that knowledge in the WALLACE. I give you a whole season to try them, and in addition give you a five years' guarantee. The reason I can do this is because every machine that goes out of our factory is made right in every particular. The double case is

"Wallace Incubator"



made of first-grade California redwood—a wood that will not crack, warp or swell with the heat. Hot-water tank made of heavy cold-rolled copper that will last a life-time. Self-regulator



"Wallace Brooder"

Poultry Experience is free for the asking. It tells in a plain, concise way many things I have learned. Covers the whole subject. It's valuable for the beginner as well as the more experienced. My Incubator and Brooder catalog is also free. It will be of value to you whether you buy my machines or not, and I want you to have one. Address, E. M. Wallace, Manager,

**WALLACE INCUBATOR CO.,**

Box 24,

St. Joseph, Missouri.



## WHITE PLYMOUTH ROCKS FOR SALE

To make room for my young stock I am offering for sale all of my

## BREEDING STOCK

Consisting of fifty yearling hens and five cock birds. Now is the time to get something good cheap, as they must go. Write today for prices

**D. P. WALKER, Route 1, SWEETWATER, TENN.**

HIGH CLASS SCOTCH COLLIE DOGS FOR SALE

## Columbian Wyandottes

AND

## S. C. Brown Leghorns

WINNERS WHEREVER SHOWN

**STURTEVANT BROS., Box 201, KUSHLA, ALA.**



## S. C. BROWN LEGHORNS

Leading Winners at Virginia State Fair and Richmond Show

Cockerels sired by my winners at bargain prices for next thirty days—the grandest lot of Aristocrats I have ever seen.

ORDER NOW IF YOU WANT THE BEST

## STRAWBERRY HILL POULTRY YARDS

Box 287, RICHMOND, VA.

Member American Leghorn Club.

Member Virginia Poultry Association

## MURFREESBORO SHOW

### List of the Awards Made at a Splendid Exhibition

From the Nashville Banner.

Barred Plymouth Rocks—T. M. Bell, Bell Buckle, 1 ck., 3 hen, 1 ckl., 2 pul., 2 pen; Dr. J. C. Smith, Tullahoma, 1 hen, 2 ckl., 1, 3 pul., 1 pen; Luther Hayes, Readyville, 3 ckl., 3 pen; J. M. Butler, Sr., Murfreesboro, 2 ck., 2 hen.

White Wyandottes—Sam Burnett, Murfreesboro, 2 ckl., 2 pen; Baird Jones, Murfreesboro, 1 ckl., 1, 2, 3 pul., 1 ck., 1 hen, 1 pen.

Golden Wyandottes—Oliver Yeargin, Murfreesboro, 2 ckl., 2 pen; Eugene McBride, Manchester, 1 ckl., 1, 2, 3 pul., 1 pen.

Buff Wyandottes—W. E. Carroll, Normandy, 1 ck., 1 hen, 1 ckl., 3 pul., 2 pen; W. P. Hickerson, Manchester, 2 hen, 2 ckl., 1, 2 pul., 1 pen; J. M. Floyd, Murfreesboro, 3 ckl.

Partridge Wyandottes—Ewing L. Davis, Tullahoma, 1 ck., 1, 2, 3 hen, 1 pen.

Columbian Wyandottes—James L. Butler, Jr., Murfreesboro, 1, 2 ckl., 1, 2, 3 pul., 1 pen; R. J. Hill, Murfreesboro, 3 ckl., 2 pen.

Rhode Island Reds—W. H. Burt, Lavergne, 1 ck., 1, 2 hen, 2 pen; Burt L. Simms, Murfreesboro, 1 ckl., 3 ckl., 1, 2, 3 pul., 2 ck., 1 pen, 3 pen; Dr. D. E. Logan, Murfreesboro, 2 ckl.

R. C. Rhode Island Reds—Smith & Davis, Tullahoma, 1 ckl., 1, 2, 3 pul., 1 pen.

Buff Orpingtons—F. R. Hollowell, Murfreesboro, 1 ckl., 1, 2, 3 pul., 1 pen.

Light Brahmas—T. N. Coop, Bell Buckle, 2 ck., 2 hen, 1 ck., 2, 3 pul., 2 pen; Mrs. John A. Davis, Murfreesboro, 1 ck., 1 hen, 2 ckl., 3 hen, 1 pul., 1 pen.

Black Langshans—W. E. Lumley, Wrightsville, Ga., 1, 2 ckl., 1, 2, 3 pul., 1 pen; T. N. Coop, Bell Buckle, 1 ck., 1 hen.

White Langshans—James McGowan, Murfreesboro, 1, 2 hen, 1 ckl., 1, 2 pul., 1 pen.

Buff Cochins—T. N. Coop, Bell Buckle, 1 ck., 1, 2, 3 hen, 1 ck., 1 pen.

S. C. Brown Leghorns—R. M. DeJarnett, Murfreesboro, 2 ckl., 2 pen; T. N. Coop, Bell Buckle, 1 ck., 1, 2 pen, 3 ckl.; W. T. White, Milton, 1 ckl., 1, 2, 3 pul., 1 pen.

S. C. White Leghorns—Howell Sanders, Murfreesboro, 1 ck., 2 hen, 1, 2 ckl., 1, 2, 3 pul., 1, 2 pen, special best pen in show; W. E. Lumley, Wrightsville, Ga., 2 ck., 1 hen, 3 ckl., 3 pen.

Black Minorcas—J. N. DeJarnett, Jr., Murfreesboro, 1 ck., 1 hen, 1 ckl., 1, 2, 3 pul., 1 pen.

White Minorcas—R. M. DeJarnett, Murfreesboro, 1 ckl., 1 pul.

S. C. Buff Leghorns—W. A. Frazier, Murfreesboro, 1 ckl., 1, 2, 3 pul., 1 pen.

W. F. Black Spanish—A. N. Brown, Woodbury, 1 ckl., 1, 2, 3 pul., 1 pen.

Blue Andalusians—A. N. Brown, Woodbury, 1 ckl., 1, 2, 3 pul., 1 pen.

Cornish Indian Games—Mrs. I. M. Floyd, Murfreesboro, 1 ckl., 1, 2, 3 pul.

Pit Games—T. N. Coop, Bell Buckle, 1 trio; M. A. Davis, Tullahoma, 2 trio; T. N. Coop, Bell Buckle, 3 trio.

Guineas—W. I. Gresham, Smyrna, 1 trio.

Bourbon Red Turkeys—J. N. DeJarnett, Murfreesboro, 1 trio; Mrs. Burt L. Simms, 2 trio.

Bronze Turkeys—Mrs. Dr. J. J. Rucker, Murfreesboro, 1 trio; J. M. Gresham, Smyrna, 2 trio.

Toulouse Geese—Luther Hayes, Murfreesboro, 1 trio; J. M. Gresham, Smyrna, 2 trio.

Pekin Ducks—W. L. Lumley, Wrightsville, Ga., 3 trio; T. M. Coop, Bell Buckle, 2 trio; W. T. White, Milton, 1 trio.

Best Display Bantams—A. B. Malone, Murfreesboro, 1; J. H. Brown, Murfreesboro, 2.

Best Display Pigeons—T. M. Coop, Bell Buckle, 1; B. J. Simms, Murfreesboro, 2.

### A. P. A. Affairs

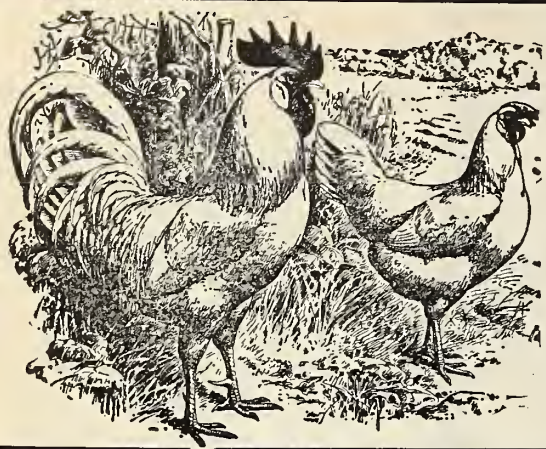
In the election of officers for the southwest branch of the American Poultry Association, the following were elected: President, Henry Steinmesch, St. Louis; first vice-president, W. C. Knorpp, Pleasant Hill, Mo.; second vice-president, C. H. Rhodes, Topeka, Kan.; third vice-president, M. S. Fite, Oklahoma City, Okla.; fourth vice-president, H. B. Savage, Belton, Tex.; fifth vice-president, J. F. Anderson, Waldron, Ark.; secretary-treasurer, Frederick Pfaff, Anadarko, Okla. These will comprise the executive committee.

For election commissioner, C. A. Morton, St. Louis, Mo.

The American Poultry Association medals and diplomas will be awarded at the Missouri State Show at Sedalia, December 10-14, 1907.

See the ad of R. E. Travis in another column. He has pure, vigorous, fine shaped, sturdy stock and our customers may depend on fair and honest treatment. Look him up.





## WANTED

## S. C. WHITE LEGHORN

Breeders, who wish to buy an exhibition Cockerel or Pullets this season, to know I have decidedly the choicest and most perfect lot of birds I have ever raised, and this is saying lots, for my birds SO FAR have never failed to win in any competition.

This season to show the confidence I have in the superior quality of my stock, I will sell all exhibition birds on a GUARANTEE to win in any competition. I don't expect to exhibit in many shows this season myself so all exhibition birds are for sale.

I have a very choice lot of breeders for sale ranging in price from \$1.50 to \$5.00.

**As Egg Producers There Are None Better.**

Remember, if it's quality you want I have it. Write

**JOHN F. CHILDRESS, Box H, SWEETWATER, TENN.**

## Attention, Orpington Breeders

The Southwestern Orpington Club is offering some very beautiful badges to the first prize Orpington winners at all the shows of the Southwest this show season. To compete for these ribbons, all that is necessary is to become a member of the club five days before date of show at which you intend to exhibit. The membership fee is only one dollar. At close of show get a signed statement from the secretary, giving your winnings, and mail to our Secretary, T. J. Humphrey, Bonham, Texas, and he will forward your badges by return mail.

We also have some of our annual catalogues left, which we will mail, as long as they last, to any one sending the secretary, T. J. Humphrey, Bonham, Texas, one two-cent stamp. Send for one at once and learn about the best fowl of the age.

## The International Rose Comb Black Minorca Club

Is taking on new life. New members are being added to its list and preparations are being made to issue a catalogue. All breeders of Rose Comb Black Minorcas are invited to join the club now, that their name may be enrolled before the catalogue goes to press.

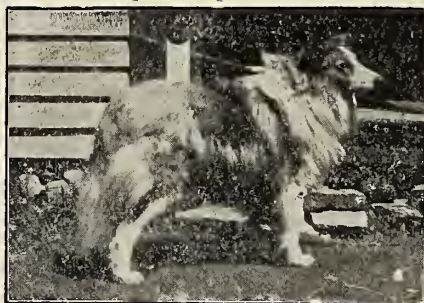
This club is offering fine special ribbons for Rose Comb Black Minorcas in poultry shows throughout the United States and Canada, to be competed for by members of the club and by Rose Comb Black Minorca breeders who join before the show opens. Membership application blanks will be furnished on request, and full particulars about the ribbons will be sent to all secretaries of shows who write for same. Geo. H. Northup, Secretary-Treasurer, Raceville, N. Y.

## The Cornish Indian Club

is growing rapidly, the membership having almost trebled since February 1 last. Increased interest is being shown the country over in this breed and this winter there will be more Indians exhibited than ever before. Chicago will be headquarters and the hot-bed of Cornish competition. Assurances have been received from different members that will warrant the statement that more than one hundred Cornish fowls will be on exhibition. More than \$100 in cash and the club ribbons will be up as specials for club members, besides the regular prize list and a fine silver cup. The club will hold its annual meeting at the Chicago show. F. H. Williams, secretary-treasurer.

## Buff Leghorn Club Meeting

The annual gathering of the above club will be held at Madison Square, New York City, on Thursday, December 19, 1907, at 4 p. m. Further information can be found in Buff Leghorn alley during the show. All members and those interested are cordially invited to be present. The club will offer handsome ribbons to any and every show. Catalogues on request. B. W. Fellows, Pres., Marlette, Mich., Geo. S. Barnes, Sec., Battle Creek, Mich.



## Collie Puppies

I have a nice lot of Real Collies.  
Imported Stock of Greatest  
Winning Blood. Prices Right.

Leghorn Cockerels out of Large Eggs.  
White Wyandottes and Barred Rocks.

Write for Catalog

**W. W. KULP, Box 75, POTTSTOWN, PA.**



## - A - DEE FARM

J. A. DINWIDDIE, Prop.

## S. C. RHODE ISLAND REDS

The great all purpose fowl. Layers, Broilers and quick growers.

AND

## SINGLE COMB WHITE LECHORNS

The greatest Egg Producing variety known. Large, white eggs.

## STOCK FOR SALE

Bred for high egg production. Unsurpassed in standard bred qualities.

**J. A. DINWIDDIE, R. 3, NEW MARKET, TENN.**

## Buff Leghorns for Sale

I still have 100 Breeders and Show Birds for sale at very low prices.  
Write me for prices.

**B. S. BEUERLEIN**

Box D,

**MOUNT MORRIS, NEW YORK**

## COLUMBIAN WYANDOTTES

We won special for best collection at Madison Square Garden, New York, 1906 and 1907; Clive H. Owen won special for best collection at Chicago, 1906 and 1907. We bought all his best old and young birds and have to-day as fine a lot of Columbians as any breeder in the world. Hundreds of old and young birds for sale. Remember Columbians will be money-makers for the next twenty years. Write for prices.

**AUG. D. ARNOLD, Box 939, DILLSBURG, PA.**

## GLENVIEW ORPINGTONS

To reduce stock, I will sell 75, 1 and 2-year-old hens this month. These were all used for breeding purposes this season, and are capable, with proper mating of producing show birds as good as any. The price will be \$1.65 each, and will be shipped to customers as orders are received. The first customers get the best birds, and if you are not satisfied when you receive them, ship them back.

**B. S. HORNE,**

**Keswick, Virginia**





BLUE BLOOD  
Winners.

HARD TO BEAT

LARGE PRODUCTION  
Layers.

## BAYNE'S EGG RECORD STRAIN OF WHITE WYANDOTTES

With fowls having an average egg record of 198 eggs in a year, I won this season at Knoxville, December, 1906, 1st hen, 3d cock, 2d pen, highest scoring W. W., and had best shaped male. At Bristol, Va., January, 1907, 1st, 2nd cock; 1st cockerel; 1st, 2nd, 3rd, 4th hen; 1st, 3d pen; best shaped male, and silver cup for largest winning display of 10 or more birds in American class. My fowls have vigor, health and hardiness; raised on free range—forty acres. Breeds, show or business birds on sale. Eggs \$2 for 15; \$3.50 for 30; \$4.50 for 50; \$8 for 100.



T. L. BAYNE, RUSSELLVILLE, TENN.

Cup Won at  
Bristol Show.

No. 6; Score 93, Egg Record 197.

# We're Getting More Eggs Now



"Since we began feeding to help the hen, we're getting twice as many eggs as we ever got before." That's the way the letters read we're getting every day from people who have adopted **LEE'S EGG MAKER** for their poultry.

**Egg Maker** makes more eggs—that's the reason. It furnishes the egg-materials the hen needs, and we guarantee it will increase the egg-yield. It is largely granulated blood (deodorized)—the highest form of concentrated meat food, combined with roots, herbs, spices, proportioned and prepared as our years of experience have proven is best and most effective for increasing egg-production. **Egg Maker** takes the place of meat food at a great saving in cost. One trial will convince you that it will be profitable for you to feed it regularly. Sold by all dealers, or direct by

**GEO. H. LEE CO., Omaha, Neb.**

GENERAL AGENTS:—HOWARD L. DAVIS, 1315 Market St., Philadelphia, Pa.; Fiske Seed Co., Boston, Mass.; ROBINSON SEED & PLANT CO., Dallas, Texas; HENRY ALBERS, Los Angeles, Calif.; PORTLAND SEED CO., Portland, Oregon.

## Single Comb Rhode Island Reds

WINNERS at Nashville, Tenn., Birmingham, Ala., The Great Barnum Show, Charleston, S. C., and the Great South and East Texas Shows, Houston and Marshall, Texas.

## Show Birds and Fancy Breeders for Sale Now

After June 1st all Eggs at Half Price. Circular mailed free. Write me your wants.

L. K. Terrell, = = Birmingham, Ala.

Renew your subscription to The Hen today

### To the Secretary of Every Show in the United States and Canada

If you will insert the following notice in your premium list or catalogue, and send to the secretary a copy of the same, the Buff Rock Club will forward the ribbons.

The American Buff Plymouth Rock Club will give four handsome silk ribbons, one to the best shaped male; one to the best shaped female; one to the best surface colored male; one to the best surface colored female. Only members whose dues to July 1st, 1908, have been paid are eligible to compete; or new members whose application for membership, with \$1.00 fee, has been forwarded to the secretary before the opening of the show. Full information in regard to the club, and literature can be obtained upon application to C. A. Morton, Secy., 510 Chamber of Commerce, St. Louis, Mo.

### American Leghorn Club

The annual meeting of the American Leghorn Club will be held in Madison Square Garden, New York City, Thursday, December 19th, 1907, during the New York show; \$160.00 in cash will be offered at this show to exhibitors who are members of the American Leghorn Club. The amount will be equally divided on each variety. Send \$2.00 to the Secretary, W. W. Babcock, Bath, N. Y., and become a member and win some of the cash prizes.

### Knoxville Selected.

As the place for holding the next annual meeting of the S. C. Brown Leghorn Club. She received almost three times the number of votes as any other city. Time and place of meeting will be January 8, 1908, Market Hall, Thursday, 8 p. m. This will be during the East Tennessee Poultry show, and will be the cause of bringing many lovers of the Brown beauties South. This club will receive a hearty welcome in Knoxville.

### Prize Articles

Elsewhere is published our first prize article, by Robt. S. Porter. As stated in the October number of THE INDUSTRIOUS HEN, these articles may be written on any subject that pertains directly to the interest of poultrymen, and should be appropriate to the season, and contain not more than 1,800 words. \$3 will be paid for the best article and \$2 for next best. Copy must be received by the 20th of the month to count in that month. Those received later will be counted on next month.

### Fifty Head of Fine Chickens

Were shipped by express from Knoxville one day last month by the Woodland Poultry Farms, Mrs. R. H. Bell, proprietress. These birds went in a bunch to a fancier in Alabama. Mrs. Bell is so favorably known by the readers of THE HEN and her birds have become so popular as prize winners that we congratulate the Alabama gentleman on his purchase.

### Superior Trap Nests

The Hoffman Poultry Supply Co., of Waverly, Ala., has recently bought the right of Mr. Bickerdike, for making the Superior Trap Nest and shall continue to manufacture them as they are in their plant at Waverly and will be offered to the trade direct and through their dealers as their products and sold on the "No money, contract or deposit" plan, which proves their worth to those who have not tried them. The patent on this nest has not been granted a year and still these nests are used in most every civilized country on the globe. Send for their book "Where the Profit Lies." It's free.



**MAKE YOUR OWN CUT GREEN BONE**

It's a very easy, simple operation with a **CROWN Bone Cutter**. Green bone makes eggs, and stimulates the hen's productive organs. Cut bone fresh every day. The Crown does it quickly with no bother or muss. 25 years building cutters. Write for free catalog. **WILSON BROS., Box 646, EASTON, PA.**

## Save Your Chickens from Cholera

BY USING

Graham's Chicken Cholera Cure

Is a positive Cure and Preventive of Chicken Cholera; an excellent Tonic and Medicine for Chickens.

Every poultry raiser should keep a package on hand. Price 25c per package; if by mail, 35c postpaid. 5 pkgs. for \$1 by express not prepaid.

Manufactured and Sold by

**AMZI-GODDEN SEED CO.**

Birmingham, Ala.

Write for our complete poultry supply catalogue

**Graham's  
Chicken  
Cholera  
Cure**

## INFORMATION

In this department we shall be pleased to answer any questions, on any department of poultry raising. The parties writing must sign their names as a matter of good faith.

Is there any danger in feeding oats to fowls? I have been warned that whole oats will make them crop bound or choke them.—J. D. S.

ANSWER—We have been feeding whole oats for nearly eight years, to fowls as young as three months old, and never had the slightest trouble. You may feed them freely; they are the best egg producing grain one can use.

Will feeding yellow corn make plumage of white fowls creamy or brassy?—R. T. H.

ANSWER—There is a great difference of opinion on this question. A number of breeders say yes; an equal number say no. We have raised white fowls a number of years and fed red and yellow corn and never found that it had any effect on the color of plumage. If in doubt use white corn as it's easy enough to procure.

1. What are the best feeds for me to use for my poultry?

2. How much to a hen?—B. L. T.

ANSWER. 1. What you can get the most readily for winter, about half corn, balance oats, rye, wheat, kaffir corn, millet (in moderation), sorghum seed, barley, cracked peas and beans. For green feed, clover (steamed), small potatoes (raw), cabbage, cull apples, beets and turnips; green cut bone, if you can get it; bran, shorts, corn meal, and meat meal for mash feed, dry or moistened till crumbly, if you prefer.

2. A quart to the hens at a feed. It is presumed you have grit, oyster shell and charcoal before them all the time.

If you have a remedy for a disease among chickens called "limber neck" will you please send it to me—also the cause, &c.? I am losing five and six chickens each day. This is a new disease to me. The chickens seem to be taken all at once. The neck gets limber and head falls over. I have not been able to save but one out of seventy-five.

S. FLEM DOBYNS.

Limber neck is caused by maggots in the throat and neck of the fowl. They bore into the tissue of the muscles and cause the head to fall over.

You must carefully go over your grounds and the range of the fowls and bury deep or burn every dead fowl or animal or any putrid flesh. Often the heads of fowls killed at kitchen are left around. The fowls eat the maggots from the decaying flesh and they lodge in the throat and neck.

Give the slightly affected ones a few drops of turpentine in spoonful of soft feed or on a bread pill. Those badly affected had best be killed. After the turpentine give a small dose of castor oil.

The following unsigned letter from Alabama City, Ala., was received, we therefore answer in this column:

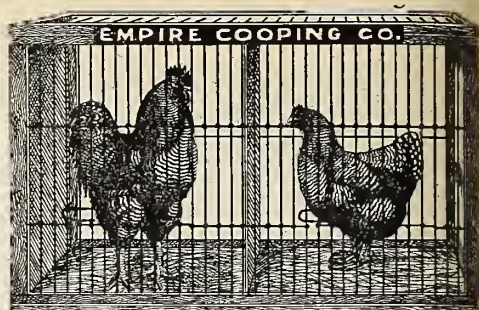
I would like some information in regard to a diseases in my chickens. Their heads are sore—began by little white pimples coming on their comb and head, especially around their eyes, then they get sore and turn black; head and eyes swell and begin to run water, foaming, similar to roup; tongue and mouth get black, and the matter is very offensive. Can you tell me what it is and what can I do for it; have killed most of them. I can cure the roup with solution of permanganate of potash, but that has no effect on these.

Your fowls probably have sore head. Epsom salts is best remedy. Put in water or soft feed, a tablespoonful to a gallon of soft feed, or a gallon of drinking water. Use every other day until disease is eradicated from flock. Also grease head and face of affected fowls with the following: Equal parts of pulverized table salt, bluestone and lard, or axle grease; add a teaspoonful of carbolic acid to each half pint; mix well before using.

**S. C. RHODE ISLAND REDS** (Deep Cherry)  
**WHITE PLYM. ROCKS** (Large, vigorous)  
**WHITE WYANDOTTES** (Laying Stock)

These birds all high strains; heavy layers; prices moderate; fair dealing. Eggs \$2.00 per 15. Customers pleased.

**R. E. TRAVIS, Bonnie View Poultry Yards**  
Goodlettsville, Tenn.



Pat'd Oct. 15, 1901.

**EMPIRE**

## Exhibition and Training Cages

For Poultry, Pigeons, Cats and Caves.

**A Specialty of Caging Winter Shows**

State and County Fair Poultry Buildings.

Write for free illustrated catalogue of sizes.

**EMPIRE COOPING CO.**

Fultonville, New York.

## EGGS

You have a fine lot of pullets to start the winter with. You want them to be profitable. They will be profitable if rightly handled. Have you any plans for stimulating laying?

## Darling's Laying Food

does that better than anything else you can feed. It has been the reliance of the largest and most prosperous poultry keepers year after year for many years—the people that have eggs to sell when prices are high. Price low for the value it gives. Only \$2.00 per 100-lb. sack.

**Darling's Scratching Food, \$2. Forcing Food, \$2. Chick Feed, \$2.50. Beef Scraps, \$2.75. Oyster Shells, 60c. Mica Crystal Grit, 65c.**

These prices are for 100-lb. sacks, f. o. b. Chicago or New York. Cash with order.

Trial order solicited. Send your name for our good little poultry book "Fill the Egg Basket," and our large, finely illustrated catalogue. Address nearest office.

**DARLING & COMPANY**

Box 41, Union Stock Yards, Chicago  
Box 41, Long Island City, New York

## THE BANTY SAVES LIFE & LABOR

Send direct if not at dealer's. We refund money and pay freight both ways if not satisfied. You take no risk.

Galvanized iron made to last  
1/2 gal., 50c. 1 gal., 75c. 2 gal., \$1.00.  
Discounts on doz. lots.

**AM PAT. SPECIALTY CO** Dayton, O.

**EASILY FILLED & CLEANED**

**THIS NAME INSURES YOU THE BEST POULTRY SUPPLIES**

SOLD ON THEIR MERIT  
NO CASH IN ADVANCE

**HOFFMAN POULTRY SUPPLY CO.**  
WAVERLY, ALA.

**Paralysis**

**Locomotor Ataxia Conquered at last by Chase's Special Blood and Nerve, Kidney and Liver Tablets** which force new life and strength into the paralyzed parts. A month's trial will convince you. Write for full particulars.—P. 3.

**Dr. Chase, 224 N. 10th St., Philadelphia, Pa.**

**IDEAL ALUMINUM LEG BAND**

To Mark Chickens  
**CHEAPEST AND BEST**

12 for 15c; 25—25c; 50—40c; 100—75c.  
Sample Band Mailed for 2c Stamp.  
Frank Myers Mfr. Box 50, Fresno, Ill.

## "DAVIS' BARRED ROCKS"

Can fit you up with good breeders or show birds. Write for circulars.

**B. S. DAVIS, CHARLOTTE, N. C.**

**GOOD-BYE SICK CHICKENS**

**VIGER'S CRUSHED CHARCOAL**

Will Keep Your Poultry Healthy.

It is a natural disinfectant and purifier, absorbs all impurities and disease germs, and keeps poultry in perfect laying condition. Fowls eat it readily. Three sizes: coarse granulated for mature poultry; fine granulated for small chicks; pulverized for soft feeds, etc. Write for samples and special quantity prices. Trial sack of 50 lbs., \$1.00.

**VIGER'S COAL AND WOOD CO.,**  
438 Twentieth Street, Detroit, Mich.

**Lightning Whitewash Sprayer No. 28**

Whitewash your poultry houses and stables rapidly. Kills lice. Spraying trees kills San Jose Scale. Double action pump. Sews, 2 ft. high. Brass extension rod, brass nozzles, ball valves. All brass \$3.50; Galvanized iron \$2.50. Cash with order. Express paid. Agents wanted.

**D. B. SMITH & CO., Utica, N. Y.**



## The Thomas Convertible Brooder

Make It Yourself. Plans and Specifications 50c.

The Most Practical Invention in the History of Artificial Brooding. Can be Instantly Converted into A SINGLE OR DOUBLE BROODER

I have no costly brooder parts for sale; absolutely nothing but my plans and specifications, which are so plainly illustrated and explained, and the brooder is so simple to construct, that any one with a saw, hammer and square, and the material, which can be had in your community for little or nothing, can make it in a few hours. Look into this matter today. It will pay you.

### READ WHAT A SATISFIED CUSTOMER SAYS:

Mr. H. J. Thomas: Dear Sir—Thanks to your brooder, I have had greater success than ever this season. To be able to use brooder either as a single or double is a wonderful help. Your brooder is a Godsend to the fraternity and I predict a great future for it. To be exact, my brooder cost me \$2 to make, and I raised over 300 chicks in it. I'm satisfied. Yours for success,

R. G. HUTCHINSON.

Send 2c. stamp for Booklet; or, better still, save time by sending 50 cents (I prefer express or P. O. money order to stamps) to get plans and specifications. You run no risk. If brooder is not all it is represented to be, return plans and get your money back (less postage). Could I be more fair? I don't propose to have a dissatisfied customer.

H. J. THOMAS, Dept. A, 24 Bedford Court, DETROIT, MICH.



### BRIEF MENTION

B. S. Davis, Charlotte, N. C., is grooming Barred Rocks for the fall shows. He is a winner wherever he goes.

Grandview Poultry Farm, Phoenix, Ala., introduces his grand pens of Rhode Island Reds, Buff Orpingtons and Silver Wyandottes to the thousands of HEN readers this month.

Chas. G. Pape, Ft. Wayne, Ind., one of the most prominent S. C. Black Minorca breeders in the West, offers in this issue some early hatched birds. Write him your wants. Now ready for shipment.

The Columbus, Indiana, Poultry Breeders and Fanciers' Association will hold its second annual show in the City Hall Auditorium, Columbus, Indiana, January 13-18, 1908. H. Karl Volland, Secretary.

At the Nashville fair, September 23, 1907, in a show containing 2,500 birds, conceded to be the greatest show ever held in the South, E. L. Wilson, Columbia, Tenn., won 1 ck., 1, 2, 3 ckl., 1, 2, 3 pul., 1, 2, 3 hen, and 1 pen.

The Park Poultry Pens, Miss Alice Pelton, manager, Nashville, Tenn., made winnings at the recent great Nashville State Fair that have not been heretofore printed. They were as follows: 1 ck., 1 hen, 3 ckl. on Black Langshans.

If you have not already secured a copy of the new illustrated *Standard of Perfection*, send for a copy at once. We have a supply on hand and can fill orders promptly. The price is \$1.50 per copy the world over. No breeder should try to get along without a copy of this book. It contains a full description of every standard variety of poultry and illustrations of most of the more prominent breeds. It is bound in cloth and is a valuable book. Send us \$1.50 at once and we will forward a copy by return mail, or \$1.75 and get a year's subscription to THE INDUSTRIOUS HEN.

W. T. Roberts, proprietor of the Sanitary Poultry Yard, of Gurley, Ala., carried off every premium offered on "White Wyandottes" at Tennessee Valley Fair at Huntsville, Ala., October 1 to 5, 1907. This was expected by those who have seen his birds and know that he has nothing but the finest blood, pure bred stock and has built up the "Famous Strain" by the trap nest system and has an up-to-date poultry plant. So any parties who may want the best, need not hesitate to place their orders with Mr. Roberts, as he is a straightforward, honest, conscientious Christian gentleman. His flocks are pure white, resembling balls of snow. He refused to sell all of show winners and is holding them for breeding pens, saying that his customers are entitled to the best.—Gurley, Ala., Herald.

Mr. F. S. Bullington, of Richmond, Va., who has been for a long time an advertiser in THE HEN, is having a special sale of his White Orpingtons, which he is closing out to make room for his Single Comb Rhode Island Reds, which he expects to breed exclusively in the future. His Blue Ribbon Strain of White Orpingtons have won the leading prizes at the best shows in the country, many specials, cups and club ribbons, and are considered the very best of Orpington quality. At the State Fair just closed in Richmond, he won on White Orpingtons, 1, 2, 3 cock; 1, 2, 3 cockerels; 1, 2, 3 hen; 1, 2, 3 pullet; 1st pen old; 1st pen young; and all specials. On Rhode Island Reds in a hot class, one of the best in the South, he won 2 ck., 2, 3 hens, 1st ckl., 1 pen. Special best pen. Write him for prices and circulars.

### Profits in Poultry Keeping Solved

Is the title of a new book just off the press. Tells you how to select a farm suitable for the poultry business. How to lay out your plant on a large or small scale. Tells you how to build the best and cheapest laying houses, incubator houses and brooder houses. What to feed to produce the most eggs, and how to feed it. The best and cheapest known feed. How to produce fertile eggs. How to care for four thousand layers without help and clear from four to five thousand dollars yearly from them with perfect ease under my system. Tells you how to raise ninety to ninety-five per cent of all chicks hatched and how to grow them from shell to maturity without a setback. How to keep them free from disease. No medicine or sick chickens under this system. They are grown nature's way. It will prove the greatest investment you ever made. Write to Edgar Briggs, New Rochelle, N. Y.

## Do You Want WHITE WYANDOTTES

—IF SO GET—

### PARKINSON'S

They have won more prizes wherever shown than any other strain. See their record at Chicago, Ill., Dallas and Marshall, Texas, Shreveport, La., Mobile and Montgomery, Ala., Jackson, Miss., and Augusta, Ga., in 1904, 1905, 1906 and 1907.

### OCEAN SPRINGS POULTRY FARM

Box D Ocean Springs, Miss.

## Photos of S. C. White Leghorns

See what you buy, by writing for a photo describing the specimen you want. 1,000 high class birds to select from, winning at such shows as Cincinnati, Louisville, Ky., State Fair, Lexington, etc.

W. E. GABHART, Box M, BOHON, KY.

## POSITIONS SECURED or Money Back

CONTRACT given, backed by \$300,000.00 capital and 18 years' SUCCESS

## DRAUGHON'S PRACTICAL BUSINESS COLLEGES

28 Colleges in 16 States. Indorsed by business men. No vacation LEARN BY MAIL Bookkeeping, Short-hand, Penmanship, Law, Letter Writing, English, Drawing, Illustrating, etc. Money back if not satisfied after completing course. For "Catalogue H." or Home Study or "Catalogue P." on attending College, phone, call on, or address JNO. F. DRAUGHON, President Draughon's Practical Business College:

KNOXVILLE, NASHVILLE, MEMPHIS, ATLANTA OR DALLAS.

### MR. POULTRYMAN

THE \$1.00 YALE ADDING MACHINE will add your accounts accurate and quick. Endorsed by Postmasters, Merchants, Business Men everywhere. Satisfaction guaranteed or Money Back. Write for testimonials and particulars to-day.

YALE MFG. CO., NEWARK, N. J.

### Hatch Chickens by Steam with the

### EXCELSIOR INCUBATOR

or WOODEN HEN

Economical and perfect hatching. Absolutely reliable and self-regulating. Thousands in use to-day.

GEO. H. STAHL, Quincy, Ill.



Send for free Catalogue.

### NORTON'S

## WHITE PLYMOUTH ROCKS

### CONTINUE TO WIN

After winning fifty-one ribbons at six leading shows in 1906-'07, I won again at State Fair.

A Limited Number of

## FINE YOUNGSTERS

White as snow, great in quality, for sale; raised in my own yards.

EGGS IN SEASON.

## J. O. NORTON

East Sta., Nashville, Tenn.



### Subscription Blanks

Are placed in each copy of this issue of THE HEN, and your attention is called to the date on the wrapper after your name. If you are in arrears, or your time will be out soon, take advantage of one of these blanks and *renew at once*. To delay is dangerous. If you allow your name to be taken off the list you may miss an issue. Can you afford it? Can you afford to do without this paper a whole year for the sum of 50 cents, or for three years for \$1, less than 35 cents a year? If you cannot use the blank don't throw it down, but hand it to a friend and ask him to use it. You may send either one or three names on it—but send it.

### A Convertible Brooder

We take pleasure in calling the attention of our readers to the advertisement of the "Thomas Convertible Brooder," which is found in this issue of THE INDUSTRIOUS HEN. The practical and helpful feature is the ability to use this brooder either for one or two broods, of, from 50 to 100 chicks each, by a very simple contrivance, which enables one to make the change instantly, using it as either one single brooder, with a floor space 3x6 feet, or two single brooders 3x3 feet. Poultrymen who, in the past, have been in a cramped condition by reason of having more chicks than brooder capacity, will appreciate this one point: we say one point, because there are others, equally as valuable. This brooder only requires an ordinary brooder lamp to heat it, thereby doing twice the work with no extra cost for heating, to say nothing of the labor saved in lamp attention, such as filling, trimming, etc., by making one lamp do duty for practically two brooders. Mr. Thomas has certainly acted wisely in deciding to put the plans and specifications on the market, instead of manufacturing the brooder. He says there is a tremendous demand for plans of a good, practical brooder, one that stands in the front rank for practical, efficient, and economical work, and is at the same time simple to construct as the "Convertible" certainly is. In fact, Mr. Thomas says, there are absolutely no metal pipes or fixings—nothing to make it complicated or costly. We feel that Mr. Thomas is filling a long felt want, and we unhesitatingly advise the readers of THE INDUSTRIOUS HEN to get a set of these plans; there will be many days this winter when one has the time and opportunity to make what brooders they may need for the coming season. Mr. Thomas tells us this brooder is especially adapted for such conditions as exist in the South. He ought to know, as twelve years of his life was spent in the states of Virginia, South Carolina and Georgia, and that his experiences with poultry in these states was exceedingly profitable.

### Incubator Companies Consolidated

A consolidation of interests of incubator and poultry supply companies was effected October 1st, and is known as the United Incubator and Poultry Supply Manufacturing Co. The companies entering the consolidation are the Star Incubator & Brooder Co., Excelsior Wire & Poultry Supply Co., Finland Incubator & Brooder Co., Great Eastern Incubator Co., Empire Star Incubator Co., Star Manufacturing Co., and the Northwestern Poultry Supply Co. We are informed that several other concerns are now under consideration. The manufacturing places of the different companies will all be closed except that of the Star, and all the manufacturing will be done at the latter's place in Lincoln, N. J., where they have a large tract of land adjacent to the railroads. The retail business and general offices of the company will be at 26-28 Vesey street, New York City. The officers are L. S. Bache, president; C. E. Paxton, vice-president, and Wm. V. Russ, treasurer.

### HALLMARK'S S.C. Brown Leghorns ARE WINNERS

They won at Birmingham, Ala., December 5-10, 1906: First pen, first pullet, first cockerel; also special for best cockerel, best pullet and best pen. I am making special prices on this year's breeders to make room for young stock.

EGGS \$1 FOR 15 FOR REST OF SEASON

**J. F. HALLMARK**  
Route 4 ONEONTA, ALA.



### Special Sale S. C. W. Leghorns

Now is the time to buy your next year's breeding pens. Get the birds settled before cold weather. Will give you choice birds only. All correspondence promptly answered.

**Turner's Poultry Yard,**  
Algood, Tennessee.

## PARRISH'S Light Brahmas ... and ... Columbian Wyandottes

*Write for Catalogue*

**T. REID PARRISH**  
NASHVILLE, - TENNESSEE

### Fine Lot of Ringlets for Sale

A grand flock of fine fowls, many of them blue ribbon winners, at reasonable prices. Exhibition fowls made a specialty, bred for size and egg production. Can furnish you fine large cockerels to improve your flock, of following strains: Thompson's Ringlets, Buff Rock Nuggets, Latham's Barred Rocks, Fishel's White Rocks, Duston's White Wyandottes, Partidge Wyandottes, Cook's Buff and White Orpingtons, Anconas and Rhode Island Reds, direct from their native land. Have won 100 prizes and a number of specials since 1906. Won a number of prizes at the Burlington Fair for 1907. The remarkable sales of the past season stamps their superiority. Write for show record and prices.

**DR. JOHN W. LASLEY,**  
Burlington, N. C.

### FOGG'S S. C. WHITE LEGHORNS ARE THE KIND YOU WANT

WHAT ABOUT YOUR SHOW BIRDS FOR THE FALL AND WINTER SHOWS?

I Sell the Kind that Win. My Prices are Right, too.

### THOUSANDS OF YOUNG BIRDS GROWING NOW

Several hundred head of yearling hens, fine breeders and show birds, at right prices. I can please you in breeders, show birds and layers, any age. Safe delivery and satisfaction guaranteed. Long distance shipments a specialty. Correspondence solicited. Send for my illustrated catalogue telling all about them. It is free. DO IT NOW.

**N. V. Fogg,** - **Mt. Sterling, Ky.**



## A "BROWN BEAUTY" HEN SCORE 95½ (McClave)

Some high class breeding cockerels and pullets bred by Golden Brown Beauty—a phenomenal breeder of exhibition pullets—from females scoring 94¼ to 95½. These are from same line breeding as my prize hen. Write for prices.

**J. H. HENDERSON**  
THE BROWN LEGHORN SPECIALIST  
KNOXVILLE, TENNESSEE



## TOMPKINS' RHODE ISLAND REDS

Winners at Boston, Madison Square Garden, New York, Cincinnati, St. Louis World's Fair. A few winnings at Madison Square Garden, New York, 1907. Largest and strongest class ever exhibited there. In Single Combs: 1st and 2d pen; 1st and 3d cock; 1st, 2d, 3rd, 4th hen; 1st, 2d, 3rd, 5th cockerel; 4th, 5th, 6th pullet. In Rose Combs: 1st pen; 1st, 5th cock; 6th hen; 1, 2, 5 cockerel; 1, 2 pullet. Male and female specials in both of clubs. Six cups out of a possible eight.

**LESTER TOMPKINS, CONCORD, MASS.**

...RECORD BREAKERS...

## R. C. BROWN AND S. C. WHITE LEGHORNS and S. C. BLACK MINORCAS.

I breed to lay. Have two hens that layed 253 eggs when pullets. My matings are made from my best layers. I challenge the world for better laying strains. Eggs and stock by the 100 or less lots. Write me for show record.

**FRED AXLEY, R. 5, Sweetwater, Tenn.**



## RHODE ISLAND REDS ROSE AND SINGLE COMB

**Largest Exclusive Breeders of Reds in the South**

All birds standard bred, correct color, hardy and prolific. None but the best allowed to live. Send us your orders if you wish to start right. List of winnings, with matings for 1906 free.

Eggs from Prize Pens, \$2.00 per 15. Special Prize Matings, \$5.00 per 15

**WEST DURHAM POULTRY FARM,**

**WEST DURHAM, N. C.**

## S. C. R. I. Reds :- Indian Runner and Rouen Ducks

Beginning June 1 we shall offer some grand breeders at attractive prices. Females, 1 and 2 years old, \$1.50, \$2.00 to \$2.50. Males \$2.50 to \$5.00. Mated trios and pens at all prices. Also eggs and chicks. Write us your wants. Birds shipped on approval.

**WHITE BIRCH POULTRY FARM, Bridgewater, Mass.**

## How About Maturing Pullets—Your Pullets

Did you succeed last year in getting your pullets to laying in the fall? I can help you in this if you will let me. I have had hundreds of students the past two years in all the needs of poultrymen for practical help. These lessons have been printed in convenient form—handy, short—and are mailed in a single package for one dollar. Covers one year's work with chicks and hens.

**DR. N. W. SANBORN, Box H, BELLINGHAM, MASSACHUSETTS**

## WARD'S SINGLE COMB RHODE ISLAND REDS

One thousand early hatched chicks from which to select. Utility, Breeding or Exhibition Stock. Write your wants and get prices. See circular.

**LAKEMONT FARMS**

**C. FRED WARD, Prop.**

**WINTER PARK, FLORIDA**

## Metal Poultry Supplies

There never was an age when iron was so much in demand as at the present. The wooden bucket, tubs and many other wooden articles are a thing of the past, and the same articles made of galvanized steel or iron have taken their place. Iron is fast taking the place of wood—why? Because it is durable, sanitary and better in every way. For about two years C. Hoskins & Co., of Quincy, Ill., have been advertising their metal poultry supplies in this paper. First they invented a knockdown shipping coop made mostly of wire, then came the inquiry for brood coops that would be rat proof. Knowing that wood could not be made rat proof, they invented the knockdown metal brood coop. This coop proved to be not only rat proof, but mite and lice also, dry and sanitary in every way. The great sale this coop met led them to make a metal nest for laying and setting. From the fact that lice will not breed or stay on metal this nest is a great boon to poultry raisers. Then came the demand for a watering tank that would not freeze, easily cleaned, cheap, and could be used for both young and old fowls. They invented a watering tank that fills these requirements in every way, a cut of which appears with their ad in this issue. Their metal feed coop is a feed saver as well as protecting the feed and fowls from sun and rain. Their line of metal poultry supplies took first premium at the Illinois State Fair last month. By their inventions they have made poultry raising easy and profitable—no loss from rats, minks, weasles, mites or lice; no waste of feed, no loss of eggs in winter on account of hens not having plenty of water; no fowls with frozen wattles from getting wet in drinking; no roup from damp coops. Catalogue free, containing prices, &c. Write them at 318 State St., Quincy, Ill.

## Red Hen Tales

The Rhode Island Red Club of America announces that the 1908 edition of "Red Hen Tales" is now ready for mailing. This is one of the finest specialty club catalogs gotten out, consisting of about 180 pages. The new features of this edition are photos of executive committee, photos of annual meeting and state cups offered the past two seasons, and the most important of all, are four new drawings of R. I. Reds. While they are not ideal according to the ideas of all R. I. Red breeders, they are by far the best that have yet been produced. The booklet also contains many new, interesting and instructive articles on R. I. Reds. The membership roll shows over 800 members scattered over 45 states, Alaska, Canada and Hawaii. Thirty-two of the leading poultry papers of the country are represented in the advertising columns which will interest those in want of more poultry literature. Copies of the catalog may be had by sending ten cents to E. L. Prickett, Secretary, Hazardville, Conn.

## LUMLEY'S

**LANGSHANS (Bik.) LEGHORNS (S.C.W.)**  
Best winter layers on earth. Record laying strains

**RHODE ISLAND REDS (S.C.)**  
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Laying at 5 mos. old Lay like leghorns

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16 First, 9 Second, 7 Third Premiums in three September 1907 shows. 1907 Tennessee State Fair —7 birds entered—won 3 1sts, 3 2nds, 1 3rd.

Eggs from prize winning pens \$2.00 for 15 (as good as anyone's) Other pens \$1.00 for 15. Satisfaction guaranteed

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Cockerel in breeding scores 95½. Pullets and hens, from 93 to 95½ points.

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## Appalachian Fair

At Newport, Tenn., on October 25, was held one of the best fair poultry shows we have attended this year. There were over 150 fowls in the show, with more breeds represented than are seen at many of the larger shows. The Newport farmers are a hustling lot, full of enterprise and desire for information. They don't mind spending money, too, for good stock. This was marked in the poultry show which was managed by J. M. Susong, one of Newport's most prosperous farmers; his department was the feature of the fair. We met a number of gentlemen at the fair and found them much interested in poultry. Mrs. J. M. Susong had some good White Plymouth Rocks; though out of condition, she won the blue on Pekin ducks and Bronze turkeys. A young tom, 36 pounds, was as fine a bird as we have seen in many a day, rich color and beautiful markings. She will be heard from at Knoxville show. Herbert Haun won on S. C. White Leghorns, R. I. Reds and S. S. Hamburgs; he

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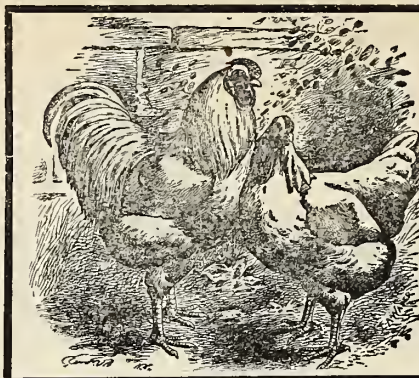
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is an enthusiastic breeder. R. T. Bell won on Toulouse geese; they were beauties; he breeds Partridge Wyandottes, and Bronze turkeys. W. B. Harrell raises fine S. C. White Leghorns. These gentlemen both live at Parrottsville. H. N. Cate had fine White Wyandottes, but too young for show. John Mantooth, one of our subscribers, had all the blues on Poland China hogs. He wins annually, and deserves it, too. He exhibited Games, Golden and Black Wyandottes, but will keep only one breed in the future. T. L. Bayne, of Russellville, won all prizes on White Wyandottes. Judge J. A. Dunwiddie, of New Market, placed the ribbons and answered all questions. He held quite a levee while in poultry department.



## SANITARY POULTRY YARDS "FAMOUS" WHITE WYANDOTTES

Foundation stock of the noted strains of A. G. Duston, J. C. Fishel & Son, Jno. W. Boswell, Jr. and Dr. Bricault. From these I have built up by the Trap-Nest Individual record system, using nothing in breeding but the best, what I am pleased to call the

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Nothing can enter to bother you. Holds 24 quarts, built of Apollo brand galvanized iron, never rusts, fits the shoulder, has a bale handle, can be carried by hand if desired. **MADE TO WEAR** and to work. Spraying device can be disconnected at end of flexible tube, and instantly attached to any other vessel—pail, tub or barrel. The spray is produced by a rubber bulb, made of the best quality rubber, expressly to produce that forcible spray. Two valves within the bulb and a nozzle do the work. Impossible to get out of order. Press your thumb upon the bulb, you get your spray. Stop your pressure and you stop the spray. Pumps every drop out until empty. No air pump business—no stopping every few minutes to pump air—or to SWEAR.

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Lots of times you can use a knapsack when you cannot a barrel pump. Handy at any place.

LET JOHN sling it on his back, with strained lime milk, white-wash the hen house; the spray will get into all crevices and cracks; the old hen, the rooster and the whole chick family will crow and bow to you with thanks. Lend your hens the \$3; they will pay it back to you with **GOOD INTEREST**, and with nice fresh eggs, and several times over.

**SPRAY THE COW**, the stable and wherever cleanliness pays.

AT THIS TIME of the year when the cattle suffer from the sucking pest, keeps the cow poor and shrinks her milk, spray the cow, particularly around and between the horns, over her spine, and in the hair, where the lice breed and suck the blood. The cow will lick your hand and give you more milk and better quality for it.



**BECAUSE THE SEASON IS  
LATE YOU GET IT FOR  
THIS PRICE**



**NO AIR PUMPING**

**These Little Blood Suckers.** Could poor cow talk she would tell you a pitiful story about her agony, about her scratching, and her trying to reach with her teeth her itching sides, why she scratches so much against the fences, and why the people complain so much about her milk. But poor Betsey, she can't talk. When the cow turns her head, looks at you pitifully, switches her tail, speakingly, it would mean, "Can't you help me?"

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